

M
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1835P

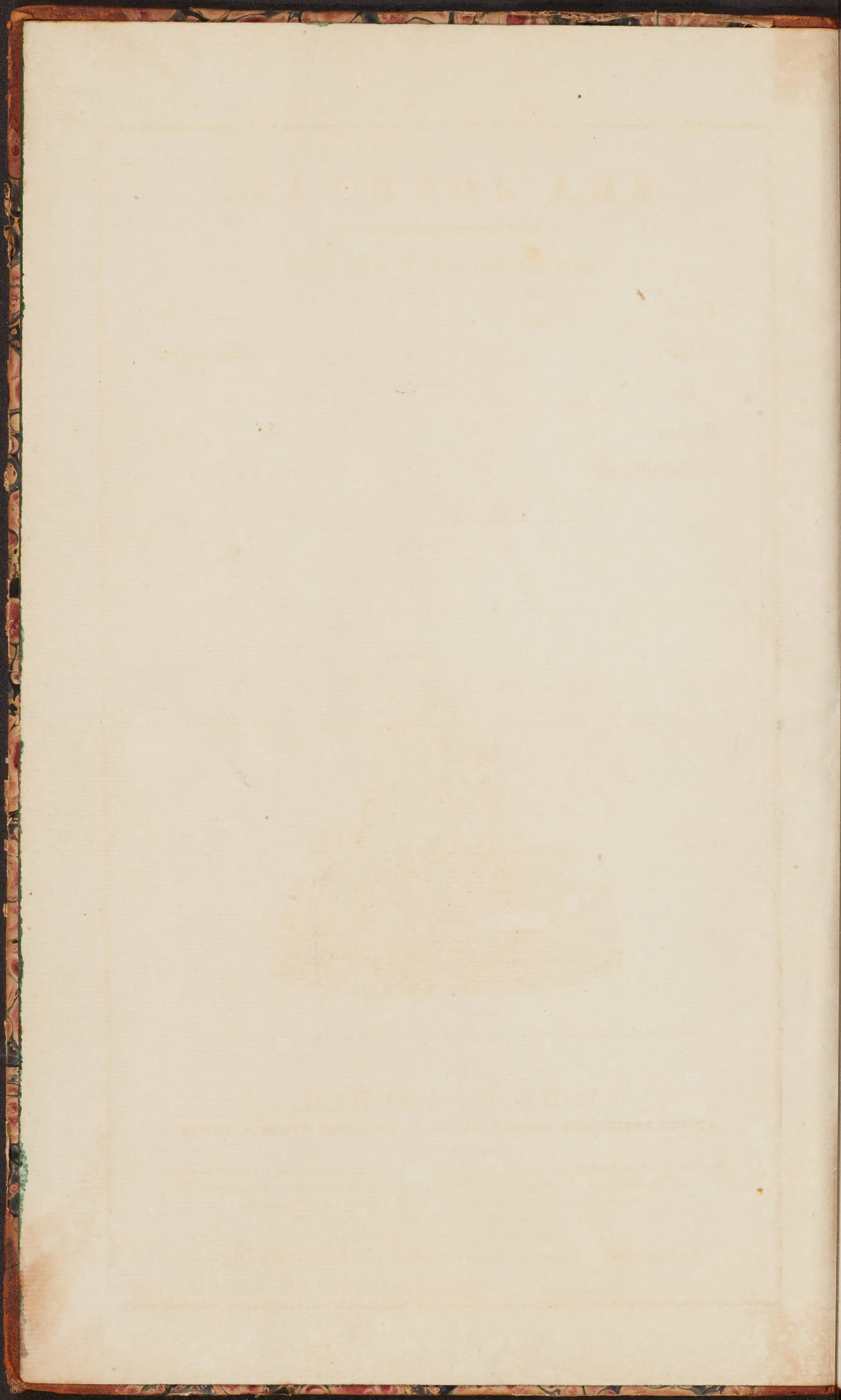


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1835 P

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SEA JOURNAL.

JOURNAL OF A VOYAGE

From *Salem* to *Cayenne* in
the *Brig Patotus* commanded
by *J. C. Holmes*
Begun 1831, and
terminated 18

KEPT BY



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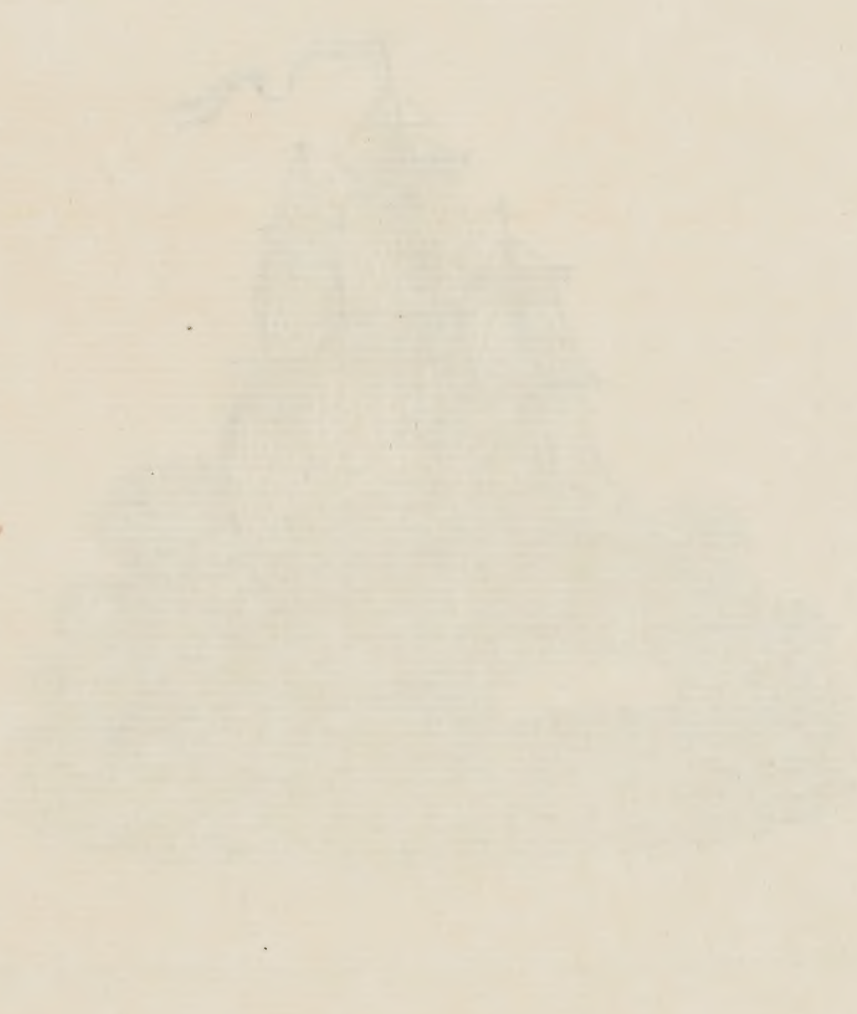
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THE JOURNAL

OF A VOYAGE

TO THE
SOUTH SEAS
IN THE
Sloop "HMS Porpoise"
UNDER THE
Command of
JAMES WALKER, Esq.
R.N.



LONDON:
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H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Thursday Dec 10 th 1835

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 45 E	26	18	18	42° 15'			24	70° 23'	

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 45 E	152	1° 45'	102	40° 28'			2° 22'	68° 01'	

Brig Pecten from Salem towards Cayenne																														
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.																								
1	5		SE	SW		Came with moderate breeze from the S.W. and cloudy at 5 P.M. and lower studdails																								
2	5																													
3	5																													
4	5																													
5	5																													
6	5																													
7	5																													
8	5																													
9	5																													
10	5																													
11	5																													
12	5																													
1	3					At 3 A.M. wind hauling to S.E. in studdails and braced up at 11 A.M. in 24 sails End cloudy N. Obs																								
2	3																													
3	1		SE																											
4	1																													
5	2		SE	SE																										
6	2																													
7	2																													
8	3		SW																											
9	5																													
10	5																													
11	5																													
12	5																													
<table><tr><th>Course.</th><th>Dist.</th><th>Diff. Lat.</th><th>Dep.</th><th>Lat. by D. R.</th><th>Lat. by Ob.</th><th>Varia.</th><th>Diff. Long.</th><th>Long. in.</th><th>Long. by Ob.</th></tr><tr><td>SE</td><td>77</td><td>72</td><td>28</td><td>39 16</td><td></td><td></td><td></td><td>37</td><td>67 24</td></tr></table>											Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	SE	77	72	28	39 16				37	67 24
Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.																					
SE	77	72	28	39 16				37	67 24																					
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.																								
1	4		SE			Came with fresh increasing breeze and cloudy weather at 3 P.M. double reefed the topsails at 4 close reefed 5 hove too under Main spencers and balance topsail At 3 A.M. wore ship to SE Morning out all reefs End cloudy no Obs																								
2	4																													
3	4																													
4	4																													
5	4		SE		Lt																									
6	4																													
7	3	1																												
8	3	1																												
9	1	1	Lay too		Lt																									
10	1	1	Lt																											
11	1	1	SE																											
12	1	1	off																											
1	1	1				At 3 A.M. wore ship to SE Morning out all reefs End cloudy no Obs																								
2	1	1	SE	W																										
3	1	1																												
4	3		SE																											
5	5																													
6	5																													
7	5																													
8	5																													
9	5																													
10	5																													
11	5																													
12	5																													
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Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.																					
SE	65	65	5	38 11				6	67 19																					

Brig Pictatus from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0		SE	West		Monday Decr 14 th 1835
2	0					Come with brisk breezes and
3	5	1				pleasant weather
4	5	1				
5	4					
6	4					
7	0					
8	0					
9	5	1				
10	5	1				
11	5	1				
12	5	1		W. N. E.		At 2 A.M. strong breezes with
1	7	1				faint lightning and rain
2	7	1				double reefed the top sails
3	8					at 8 A.M. out reefs set Main
4	8					sail and Main S. G. sail
5	8					S. S. Main & tuesail
6	8					
7	8					
8	8					Lat 01 36° 49'
9	7					
10	0		SE 6 E			Long by Chron at 8.30 A.M.
11	0					84° 05'
12	0					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 46° E	153	1° 46'	110	36° 25'	36° 49'		2° 18'	65.81	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Tuesday Decr 15 th 1835

1	0	1	SE 6 E	SE 6 E		Come with fresh breezes from
2	0	1				the westward double reefed
3	0	1				the top sails wind hauling
4	0	1		North		to Southward and increasing
5	7			NW		to a gale with sharp lightning
6	7					all round the horizon
7	7			N. E.		
8	7					
9	7					
10	7			N. W.		At 2 A.M. took a tremendous
11	7					squall from N. W. & blew
12	7					up and furl the top sails
1	8		East			and foresail larboard
2	8					leech of the foresail tore
3			Lay two			out of the bolt rope
4			up			moning set foretop sail and bore up
5			SE 6 E			Lat 01 35° 47'
6						
7						
8			South			rubent mended bent and
9	7		SE 6 E			set the foresail
10	7					
11	7					
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 48° E	126	1° 25'	94	25° 25'	35° 47'		1° 58'	63.05	

Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	NW		Wednesday 18 th 1831
2	5					Begin with fresh breezes and
3	5					squally with a heavy sea running
4	5					at 3 P.M. double reefed the Main
5	5					Top sail
6	5					
7	5					
8	5					Middle part more moderate let the
9	5					reef out of the Main top sail and one
10	5					reef out of the fore top sail
11	5					
12	5					At 4 P.M. fresh gales and cloudy
1	5					weather double reefed the top sails
2	5					and set the balance reefed Top sail
3	5					
4	5			SW		
5	5					Came hard gales and squally
6	5					Lat by Obs 34° 23'
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
246° E	136	1.34	94	34° 13	34° 23		1° 53	61° 12	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0		S L G L	West		Thursday Dec 17 th 1833
2	0					Begins with fresh gales and long
3	0					weathers
4	0					At 3 PM squally with thunders
5	0		L S L			lightning and rain reefed the
6	0					foresail and close reefed the
7	0					topsails braild up the spens
8	0					
9	0					
10	0					Middle part hard gales and
11	0					a heavy sea running
12	0					At 8 A.M. one reef out of the Main
1	0					Foresail and reef out of the fore
2	0					
3	0		S L G L			Meridon let the reef out of the tops
4	0					and set Main & G. sail and T. S. M
5	0					studdail
6	0					
7	0					
8	0					
9	0		S L			
10	0					
11	0					
12	0					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 4° E	104	1° 11'	147	33° 12'	32° 12'		2° 57'	58 15	

Brig *Parton* from *Helen* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0	1	N.E.	N.W.		Came with fresh breeze from N.W. under large sea all day sail set - long by Chron at 5.15 P.M. 50 18 West
2	0	1				
3	0	1				
4	0	1				
5	0	1				
6	0	1				
7	5		N.E.			L. 11 06 22 12
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					L. 11 06 22 12
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					L. 11 06 22 12
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
137	107	1° 46' 15"		31° 38'	32° 12'		1° 29' 56" 41		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	S.E. & N.E.			Came with moderate breeze and cloudy weather all hands employed sheet the mains down the aftersail and got in the turtle anchor
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				Pleasant during the night
8	1	1				
9	3		S.E.			
10	3					
11	3					
12	3					
1	4					Long by Chron at 8.18 A.M. 54° 18'
2	4					
3	4					
4	4					
5	4					
6	4					
7	5					Lat Ob 31° 07'
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
143 1/2	81	59	55	31° 11'	31° 07'		1° 05'	55° 41'	

Brig *Protos* from *Malacca* towards *Ceylon*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		NE	NE		At this 24 hours time breeze and pleasant weather all drawing sail out
2	6					
3	6					
4	6					
5	/					
6	/					
7	/					
8	/					
9	/		NE			
10	/					
11	/					
12	/					
1	/			NE		Long by Chron at 8.11 52° 22'
2	/					
3	/					
4	/					
5	/					Lat 06° 29' 08"
6	/					
7	/					
8	/					
9	/		NE			
10	/					
11	/					
12	/					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1496	157	1° 58'	103	29° 09'	29° 08'		1° 59'	53° 42'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NE	NE		Breeze with high breeze and pleasant weather
2	5					
3	5					
4	5					
5	5		NE			Long by Chron at 4 PM 52° 10'
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5			NE		Lat. last baffling and squally
2	5					
3	5					
4	5					
5	5		NE			Long by Chron at 7.30 a.m. 57° 08' West
6	5					
7	5					
8	5					
9	5		NE			Lat 06° 27' 23"
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1346	125	1° 45'	70	27° 23'	27° 23'		1° 20'	52° 22'	

Sailing Packet from Salem

towards

Cayenne

H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday Decr 22nd 1835*

1	4	1	SPE	N.E.		<i>Light with moderate breeze and light squalls of rain all day long a gale at 1 P.M. on Tuesday</i>
2	4	1				
3	4	1				
4	4	1				
5	4	1	16 E			
6	8	1	SPE			

7	8	1				<i>Middle and latter part thick mist and pleasant</i>
8	8	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				

1	5	1				<i>Long by Chron at 11.30 A.M. 50° 18' West</i>
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				<i>Lat 45 25 3</i>
8	5	1	16 E			
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>S 18 E</i>	<i>154</i>	<i>2 21</i>	<i>47</i>	<i>24 57</i>	<i>24 57</i>		<i>52</i>	<i>51 30</i>	

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday Decr 23rd*

1	7	1	16 E	6 E		<i>Begins with brisk breeze and pleasant weather all hands employed got out flying jibboom, mast and set flying jib and up main royal and yard</i>
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				

7	7	1				<i>Middle part fresh breeze and passing cloud took in M.S. G. Studail Main Royal and flying '66</i>
8	7	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				

1	5	1				<i>Lat 45 22 33</i>
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				<i>Long by Chron at 8.1 P.M. 49° 58' West</i>
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>N 11 E</i>	<i>160</i>	<i>2 37</i>	<i>35</i>	<i>22 20</i>	<i>22 33</i>		<i>33</i>	<i>50 57</i>	

Big Sea from ... towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	1 st E	E N E		Begin with fine breeze and pleasant weather all hands employed
2	1	1				
3	1	1				
4	0	1				
5	5	1				
6	5					Long by Chron 5 ^h 45 ^m at 2 P.M.
7	1					
8	1					
9	1	1	1 st E	E N E		With partially made and torn sail occasionally
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					Long by Chron 2 ^h 05 ^m
5	1		1 st E			
6	1					
7	1					
8	1					
9	1					Long by Chron 1 ^h 00 ^m
10	1					49 ^h 21 ^m
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
19° E	158	2° 16'	25	20° 07'	20° 05'		27	50° 30'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0		1 st E	E N E		Begin with fine breeze and pleasant weather all hands employed
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	0					Continues the same all drawing sail set
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	0		1 st E			
2	0					
3	0	1				Long by Chron at 8 P.M.
4	1	1				49° 22'
5	0	1	1 st E			
6	0	1				
7	0					
8	0					Lat Obs 17° 45'
9	0					
10	1					
11	1					
12	0					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
110° E	148	2° 28'	20	17° 39'	17° 45'		27	50° 03'	

Being Sailed from Valm towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		1			Comm with moderate breezes
2	1					and pleasant weather
3	1					
4	1					Long by the Mean of four obs of sun
5	1					and moon M.L. at 1.30 50° 04' West
6	1					
7	1					Long by Chron at 4 P.M. 49° 04' mean
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

July 1835
 Long by
 49° 52'
 50° 05'
 50° 12'
 49° 56'
 49° 00' 05"
 50° 01' 14"

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 4 E	85	1° 5'	1	13° 19'	13° 03'		1	49° 57'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		S 4 E	E 4 S		Comm with moderate breezes
2	1					and pleasant weather
3	1					set by the wind
4	1					
5	1					Long by Obs of sun 49° 53' at 2 P.M.
6	1					Long by Chron at 4 P.M. 49° 03' subtract 49° 54'
7	1					Long by Chron at 4 P.M. 49° 03' subtract 49° 52'
8	1					50° 14' 49° 53'
9	1		S 4 E	East		
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1		South			
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

July 1835
 Long by
 49° 54'
 49° 52'
 49° 53'
 49° 34' 1/2
 mean 49° 53'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 4 E	135	2° 14'	14	13° 55'	13° 55'		15	49° 42'	

Brig *Proctor* from *Halifax* towards *Gazette*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		S by E	East		Monday Dec 28 th 1835 with moderate breezes and fine weather 3 P.M. fresh breezes in flying jib long by Chron at 4 P.M. 18° 43' West
2	6					
3	6					
4	6					
5	6		S by E			
6	6					
7	6		S by E			
8	6					
9	6		S by E			
10	6					
11	6					
12	6					
1	6		S by E			Strong breezes and cloudy during the night Longitud by Chron at 8 A.M. 18° 45' W Lat Ob 11° 18' South Meridian set S. S. Martineau and Mann Royal
2	6					
3	6					
4	6					
5	6		S by E			
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 5° E	150	2° 39'	17	11° 16'	11° 18'		17	49° 25'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	South	East		Tuesday Dec 29 th 1835 Begins with fresh breezes and fine weather Long by Chron at 4 P.M. 18° 43' West
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				Fresh breezes and hazy weather Lat Ob 8° 28' North Long by Chron at 5 A.M. 18° 58'
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1/2	100	1° 46'		8° 32'	8° 28'			49° 25'	

Brig *Pactolus* from *Valen* towards *Gayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	/	/	South	6-9 N		Wednesday Dec 30th 1835
2	/	/				Begins with fresh trades and cloudy
3	/	/				weather, long by Chron at 3 PM
4	/	/				48° 59' West
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				Strong breezes and cloudy during
11	/	/				the night
12	/	/				
1	/	/				At 5 A.M. set lower pluckail
2	/	/				
3	/	/				
4	/	/				Set 6 to 5 15 N. 12
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	175	9° 53'		5° 33'	5° 15'			49° 25'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SSW	NE.		1 hour long Dec. 11 1854
2	0					Begins with brisk breeze and
3	0		SW by S			pleasant. Long by 6 hours at
4	5					1 P.M. 49.00 West
5	0					yet up and bent the chains
6	0		SW			strong breezes and squally with
7	0					rain during the night
8	0					At 12 midnt sounded 55 faths
9	0		SW by N			at 2.00 faths at 4 35 faths
10	0					at 5 the wind moderating hauled
11	0					to southward and made all sail
12	0					at 6 A.M. saw the land to the west
1	0		W by N			of Cape Orange at 8 saw the gunner.
2	0					bearing West. Light airs and calm
3	5					all day the current setting W. N. W.
4	3					very rapidly in from 32 to 27 faths
5	2		SSW	SE		
6	2					to
7	2					Cloudy N. O.
8			W by N	SW		
9						
10						
11						
12						

[illegible]

Brig *Factor* from *Cayenne* towards *Valen*

H. K. H. K. Courses. Winds. Lee. Remarks. *Monday March 21st 1830*

1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

At 4 A.M. moved the Pilot came on board got under way and beat out to sea

Cayenne bearing south 4' dist 52 1/2
Long by Chron at 5 A.M. following 10" per day gain since Aug 9th 1825 + the 1st 27 is 52.092 West which makes Chron 1.43.44 West

Lat by Obs 5 13 N

Long 52 16.6 Cayenne bearing south

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday Mar. 22nd*

1	3	3	NNE	NE						
2	3	3								
3	3	3								
4	3	3								
5	3	3								
6	3	3								
7	3	3								
8	3	3								
9	3	3								
10	3	3								
11	3	3								
12	3	3								
1	3	3								
2	3	3								
3	3	3								
4	3	3								
5	3	3								
6	3	3								
7	3	3								
8	3	3								
9	3	3								
10	3	3								
11	3	3								
12	3	3								

Came with fresh breeze from N.E. and by 4 P.M. the Devil Islands were SE 10 miles

Middle part squally made and took in sail occasionally

Lat Obs 2 07 North

Long by Chron at 8.30 AM 53 35

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

N 23 1/2 W 78 72 30 6 42 7 07 30 52 46

Brig Pactolus from Cayenne towards Patem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	✓		V N N	N.E.		L. with a brisk breeze from E.N.E. with squalls of rain during the night
2	✓			t		
3	✓					
4	✓			E.N.E.		
5	✓		N. H.			Latter part steady breezes and pleasant weather set main royal and flying till
6	✓					
7	✓		N. W.			
8	✓					
9	✓	✓				Latter part steady breezes and pleasant weather set main royal and flying till
10	✓	✓				
11	✓	✓				
12	✓	✓				
1	✓		N. N. W.			Latter part steady breezes and pleasant weather set main royal and flying till
2	✓	✓				
3	✓	✓	N. W.			
4	✓	✓				
5	✓	✓				Latter part steady breezes and pleasant weather set main royal and flying till
6	✓	✓				
7	✓	✓				
8	✓	✓				
9	✓	✓				Latter part steady breezes and pleasant weather set main royal and flying till
10	✓	✓				
11	✓	✓				
12	✓	✓				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. 20° W.	127	1° 59'	43	9° 05'	9° 24'		44	53° 50'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	✓		N. W.	N. E. E.		Begins with fresh trades and clear weather long by Chron at 2 P.M. 54° 43' West
2	✓					
3	✓					
4	✓					
5	✓	✓				at 2 P.M. carried away the with the flying jibboom got in the boom and took in the main royal
6	✓	✓				
7	✓	✓				
8	✓	✓				
9	✓	✓				Middle part squally at 2 a.m. took in S. Gallant sails at 5 set main & J. sail at 8 set S. & Gallant sail
10	✓	✓				
11	✓	✓				
12	✓	✓				
1	✓		N. N. W.			Latter part steady breezes and pleasant weather set main royal and flying till
2	✓	✓				
3	✓	✓				
4	✓	✓				
5	✓	✓	N. W.			Latter part steady breezes and pleasant weather set main royal and flying till
6	✓	✓				
7	✓	✓				
8	✓	✓				
9	✓	✓				Latter part steady breezes and pleasant weather set main royal and flying till
10	✓	✓				
11	✓	✓				
12	✓	✓				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 20° W	143	2° 15'	49	11° 39'	11° 59'		50	54° 20'	

Brig *Factorus* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NNW	ENE		Friday March 25 th 1838
2	5					Booms with fresh trades and a rough
3	5					sea set on the Mont backstays and rigging
4	5					Long by Chron at 2 P.M. 55° 33' West
5	5	1				11 P.M. spied a ship standing westward
6	5	1				
7	5					
8	5					Strong breezes and passing squalls
9	5	1				during the night
10	5	1				
11	5					
12	5					
1	5	1				At 8 A.M. spied a Brig standing
2	5	1				to the westward
3	5	1				Long by Chron 56° 31'
4	5	1				
5	5	1				
6	5	1				Lat 11° 06' 14" 31 North
7	5	1				
8	5	1				Look in S.E. sail
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22° W	156	2° 25'	58	14° 24'	14° 31'		50'	55° 20'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		NNW	ENE		Saturday March 26 th
2	8					1 heavy trades and pleasant set, with
3	7	1	NNW	W		S. Mont backstays and rigging
4	7	1				at S. S. Gallant sail Long by
5	7					Chron at 2 P.M. 55° 48' West
6	7					
7	8					
8	8					
9	7					Middle part fresh breezes and squalls
10	7					
11	7					
12	7					At 8 A.M. set S. S. Mont, tacked and
1	7					rigging 1.66
2	7					
3	6					
4	6					
5	6					
6	6					Lat 11° 06' 15" 51 North
7	6					
8	6					
9	6					
10	6					
11	4	1	NNW	W		
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 23° W	151	2° 26'	58	16° 57'	16° 51'		1° 11'	56° 31'	

Brig Peetole from : *Weymouth* towards *Bahama*

H.	K.	II. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	1/4 N. 1/4 E.	E. E.		Sunday March 27 th 1836 Begins with brisk trades and pleasant weather all sail set Long by Chron at 4 P.M. 58° 26' N
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				Continues brisk breezes and pleasant
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				Lat Obs 18° 44' North
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				E. S. E.
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 84 W	138	1° 02'	54	18° 53'	18° 44'		1° 07'	57° 38'	

H.	K.	II. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	1/4 N. 1/4 W.	E. E. S.		Monday March 28 th 1836 Came equally wind S. S. E. took in and made sail occasionally
2	3	1				
3	4	1				
4	4	1				
5	4	1				
6	3	1				
7	4	1				Middle part equally furled the Mainsail and took in the lower treesail
8	4	1				
9	5	1				
10	5	1				
11	5	1				
12	4	1				
1	3	1				saw a Brig and Barge steering N. E.
2	3	1				
3	3	1				
4	3	1				
5	4	1				
6	4	1				
7	4	1				Long by Chron at 9 A.M. 58° 13' N Lat Obs 20° 19' North
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 84 W	198	1° 20'	40	20° 10'	20° 19'		50	58° 28'	

Big Packet from *Cayenne* towards *Venez.*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	VWly NSE			Tues day March 2 nd 1855 Begins with moderate breeze and fine weather, all drawing sail set at 1 P.M. jibed ship and set the sprail and clover and P.S. Mast Studs at 5 P.M. equally took in studsails and J.G. sails at 8 set M.S. sail
2	4	1				
3	4	1	VNWN S by E			
4	4	1				
5	4	1				
6	1	1	N.E.	WNW		
7	1	1	VNWN	SE		
8	1					
9			Calm			
10						
11						
12						
1						Morning saw a large Ship showing long high below carrying standing Main & topsails and under keel, moon sail
2						
3						
4						
5	3	1	VNWN	Natth		Long by Chron at 1 P.M. 50° 49' West
6	3	1				
7	4	1				
8	4	1				
9	4		VNWN	Natth		Lat Obs 20° 58'
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30° 4'	52	45	25	21° 04'	20° 58'		29	58° 57'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	VWly NSE			Wednes day March 3 rd Comm with brisk breeze and pleasant weather Long by Chron at 4 P.M. - 51° 09' West
2	4	1				
3	4	1				
4	4	1				
5	3	1				Middle part equally took in J. Gallantsails at 2 P.M. set them
6	3	1				
7	3	1	N.W	Natth		
8	3	1				
9	4					Lat Obs 22° 09'
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	5		N.W			
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 48° W	99	1° 14'	00	22° 12'	22° 09'		4° 11'	50° 08'	

Brig Pactolus from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	nnw	nnw		Thursday March 31 st
2	4	1				Begins with brisk breezes and
3	4	1				pleasant weather
4	4	1				Long by Chron at 2 P.M. 02° 24' N
5	5					
6	5					
7	5					
8	5					
9	5		nnw	nnw		Middle and latter part moderate
10	5					and pleasant
11	5	1				
12	5	1				
1	4	1				
2	4	1				
3	4					
4	4					Long by Chron at 10:40 AM 03° 20'
5	3					
6	3					
7	3					
8	3					
9	1	1				
10	1	1				
11	2	1	nnw	nnw		
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30° W	96	1° 23'	48	23° 22'	23° 09'		52	61° 00'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		nnw	nnw		Friday April 1 st 1836
2	1					Begins with light breezes and
3	1					pleasant all day breeze and
4	1					at 3 P.M. took in S. S. Mart, tuck
5	1	1	nnw	nnw		
6	3					
7	3	1				
8	3	1				
9	3					Middle part fine breezes and
10	3					cloudy at 7 A.M. set main boom
11	3					
12	3					
1	3	1	nnw	nnw		
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	4		nnw	nnw		
8	4					
9	3		nnw	nnw		
10	3					
11	2		nnw	nnw		
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 45° W	66	46	46	23° 55'	23° 48'		50	61° 50'	

Brig Pactolus from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	/		SW	nnw		Wednesday April 2nd 1835
2	/					Light airs and pleasant
3	/					
4	/					Long by Chron at 2 PM 54° 15'
5	/		nnw			
6	/					
7	/					
8	/		WNW			Middle and latter part calm
9						
10				Calm		
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						Lat Ob 23° 51' North
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30° W	8	5	5	23° 53'	23° 51'		5	51° 56'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Thursday April 3rd
2						Begins Calm
3						
4						A large shoal of fish seen not having
5						the appearance of sunnies caught
6						four with the grains
7						
8						Middle and latter part light
9						airs and calm
10						
11						
12						
1	/		W by N	N by W		
2	/					
3	/					
4						Longitude by Chron at 9 A.M.
5						54° 55' West
6						
7						
8						Lat Ob 23° 53'
9	/		NNW			
10	/					
11	/	/	N by W			
12	/	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30° W	5	4	3		23° 55'		4	51° 59'	

1 Brig *Pastor* from *Uxpanne* towards *Valence*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		N by N N E			Monday April 4th 1855 Begins with a light breeze from the southward set S. S. West lower and M. J. Gallant starboard 2 P.M. Saw a Brig off the starboard quarter standing northward. Caught a large dolphin
2	2					
3	2					
4	2					
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	2					Middle and latter part as the former Lat 66 24 30
2	2					
3	2					
4	2					
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 11° W	52	51	10	24° 45'	24° 50'		11	62° 10'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N by N S by S			Tuesday April 5th 1855 Light breezes and pleasant a Barge passed astern steering NE Long by Chron at 2 P.M. 55° 00' Pleasant during the night 11 A.M. gybed sheet Lat 66 26 26
2	3					
3	3	1				
4	3	1				
5	3					
6	3					
7	3					
8	3					
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	2	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	4	1				
7	4	1				
8	4	1				
9	5					
10	5					
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 11° W	80	1.25	16	25° 15'	26° 26'		18	62° 28'	

Brig Pactolus from Lagenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SW	South		Wednesday April 17 1835
2	5	1				Commences with brisk breeze
3	5	1				from South and fine weather
4	5	1				all sail set Long by Chron at 2 P.M.
5	5	1				15° 24' West set up fore rigging
6	5	1				At 3 P.M. equally took in the
7	5	1				light sails
8	5	1				
9	5	1				
10	5	1				Milder and latter part squally
11	3	1				with showers lightning
12	3	1				and rain
1	3	1				At 11 P.M. close reefed the topsails
2	3	1				morning on full reefs at 10
3	3	1				A.M. double reefed the topsails
4	3	1				and furled the mainsail
5	3	1		SW		hauling up the foresail
6	3	1				
7	3	1				No Observation
8	3	1				
9	3	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22° W	93	1° 25' 31"	27° 52'				39	5° 01'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		N by E	W by N		Thursday April 18 1835
2	2					Begins moderate and cloudy
3	2					sett down in Royal yards
4	2					Royal Mast, made all sail
5	2		N by N	W by N		
6	2					
7	2	1				
8	2	1				Middle and latter part brisk breeze
9	2	1				from NW and pleasant
10	2	1				
11	2	1	N by E			
12	3	1				Long by Chron at 9 am. 15° 23' W
1	3	1	NNE	W		saw a schooner standing S.E.
2	3	1				
3	3	1				
4	3	1				
5	3	1	N by N			
6	3	1				Lat Ob 29° 12' N
7	3	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 23° E	74	1° 07'	28°	28° 59'	29° 12'		32	62° 35'	

Big Sautelles from Cayenne towards Valence

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NNE	W	1/2	Friday April 8 th 1789
2	5					Begins with fresh breezes
3	4	1	NNE			and passing clouds at 1 P.M.
4	3	1				took in flying jib and 1 Gallant
5	4					sails at 4 P.M. single reefed the
6	4					top sails
7	3	1	NNE			
8	3	1				
9	3	1				Middle part fresh breezes and
10	3	1				cloudy weather with a head sea
11	3	1				at 2 P.M. tacked to the westward
12	3	1				at 4 let the reef out of the topsails
1	3	1	NE	W		performed up some molasses
2	3		NNE			
3	3		W			
4	3	1	W			Long by Chron at 9 A.M. 85 th
5	3	1	W			
6	3	1				Lat Obs 30° 08'
7	3	1				
8	3	1				
9	4		W			
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
NW	53	53	5	30° 18'	30° 08'		5	82° 40'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		NNE	W		Saturday April 9 th
2	4					Begins with strong breezes and
3	4	1				a rough head sea
4	4	1				at 4 P.M. set the Fore & Gallant sail
5	4					at 8 took it in at 10 took in the
6	4					Main one
7	5		NNE			
8	5	1				Fresh breezes during the night
9	5	1				
10	5					Running out 1 Gallant sail
11	5					
12	5					Long by Chron at 9 A.M.
1	5					Lat 31° 38' W
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				Lat Obs 31° 32'
7	5					
8	5	1	W			
9	5	1				
10	5	1				
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
NW	115	129	75	31° 35'	31° 32'		1° 28'	84° 08'	

Brig *Intrepid* from *Cayenne* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NNW	6 NB		Breeze from the eastward and pleasant weather at 2 PM. set 1st Mast and Main S. G. all by the 1st Long by Chron at 2:51 PM. 50° 58' without the 1st Mast top sail and kept the best one at 1 PM. set the lower stud sail and took in the fobs
2	5					
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	4	1				Moderate and pleasant during the night
12	4	1				
1	4	1				
2	4	1				Long by Chron at 8 AM 52° 58' x
3	4	1				
4	4	1				
5	5					Lat 66 33' 12"
6	5					
7	4					
8	4					
9	4					
10	4					
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 27° W	121	112	45	53° 24'	33° 12'		54	65° 04'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		Ny N 1/2 S by 6			Begins with moderate breezes and passing clouds all drawing sail set
2	5					
3	5					
4	5					
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				Middle part fresh breezes with showers of rain at 4 A.M. took in studing sails at 10 A.M. wind hauled to NW in a light squall
12	5	1				
1	5	1				
2	5	1				Land cloudy no observation
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				Calms
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 12° W	144	2° 21'	50	35° 33'			36	55° 40'	58° 45' x

Big Sloop from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0		Calm			Monday April 12th 1835
2	0			NW 1/2 E		Begins cloudy and calm
3	3		NW 1/2 W			at 2.30 P.M. took a breeze from
4	3		NW 1/2 W			SE. broad about on the starboard
5	3					and made sail
6	3					
7	3					
8	3					11.30 P.M. furled the mainsail
9	3					and reefed the topsail
10	3					at 5 P.M. set the spruce at 9
11	3					set the Mainsail at 10 let a reef
12	3					out of the S. S. and set the
1	3					Mainsail full and sail
2	3					
3	3					Long by Chron. at 2.30 A.M. -
4	3					69° 35' West Lat 11° 05' 35" N
5	3					
6	3					
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1	NW 1/2 W			
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 79° W	20	13	69	35° 45'	35° 15'		14	15° 54'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		NW 1/2 W	NW 1/2 E		Wednesday April 13th
2	4					4 P.M. with brisk breezes and passing
3	4					clouds Long by Chron. at 2 P.M. 70° 12'
4	4					
5	4		NW	NW 1/2 E		
6	3					At 11.30 P.M. the Lat. by the North star
7	3		NW 1/2 N			was 35° 38' at 3 A.M. 35° 40'
8	3					
9	3					
10	2	1				Moderate and pleasant during the night
11	2	1				
12	2	1				
1	2		NW 1/2 W			Long by Chron. at 2.30 A.M. 71° 54'
2	2					
3	1	1				
4	1	1				
5			Calm			
6						Lat 11° 05' 36" N
7						
8	5		NW 1/2 W			
9	5					
10	5					
11	6		NW 1/2 W			
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 50° W	24	48	87	36° 04'	36° 16'		1° 10'	17° 04'	

Brig *Pantaleon* from *Cayenne* towards *Sucre*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		North	SE by E		Thursday April 14 th 1838
2	1		N by E			Begin with brisk breezes from South and cloudy
3	1					Long by Chron at 1 st 45 P.M. 71° 05' Mean of 3 Obs
4	1	1				
5	1	1				At 8 P.M. took in the sheet sails and double reefed the topsails
6	1	1				
7	8					
8	8					
9	5	1				Middle part hard gales and squalls of rain with a heavy sea running
10	1	1				took in all sail except balance
11	1	1				
12	5	1				strengthened by sail and spinnaker
1			Long by Chron at 4 to 8 A.M.			moderate and pleasant made all sail (water appears of a pale green)
2						
3						
4						
5						Long by Chron at 8 A.M. 70° 00'
6	3		N by E			
7	3					Lat Obs 38° 24'
8	5					
9	1					
10	1					
11	1					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 20 E	124	2° 14'	04	38° 20'	38° 24'		4	67° 00'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		N by E	W by N		Friday April 15 th 1838
2	6					Begin with brisk breezes and pleasant weather Long by Chron at 4 P.M. 59° 34' West
3	5					
4	5					
5	5					
6	4	1				
7	3					Clouds with lightning during the night
8	3					
9	3		NNE			
10	3					
11	3					
12	3					
1	3	1	NNE by N			Long by Chron at 7.10 A.M. 59° 33'
2	3	1				
3	2					
4	1					
5						Lat. Obs 39° 40'
6						
7	2		NNE			
8	2					
9	4		N by E 1/2 E			
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 20 E	80	1° 15'	27	39° 39'	39° 40'		25	68° 25'	

Brig Pictolus from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		Neg E	East		On Tuesday April 18th
2	4					Come in the moderate breeze and
3	4					cloudy weather. Long by Chron.
4	4					at 3.40. P.M. 79.10 West
5	3	1	Neg E			
6	3					At 11 P.M. rounded 35 to the B+W
7	4		Neg E			line
8	4					
9	5		North			All 2 AM were ship to N.W.
10	4					
11	3		Neg E			
12	5		65 E			
1	3	1				Long by Chron. 8 AM 59.23
2	3					
3	3		Neg E			
4	3		N.W.			At 11 to 40.35 at noon backed
5	3					ship and rounded 29 to the
6	3					line B+W and to the south
7	3					of Vanua at 8 AM
8	3					
9	3					
10	3					
11	3					
12	3					

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		S E	6 A E		Friday April 18 th
2	2					Came with moderate breezes
3	3					and cloudy weather.
4	3					at 8 P.M. tacked to Northward
5	2	1				
6	2	1	S E E			
7	2					
8	2					
9	2		N W W			
10	3					Middle part light winds
11	3		North			and cloudy at 12 M & a.m.
12	3		N N E			rounded in 35 faths Black
1	3					and White sand
2	3					long by 6 hours at 9 A.M. & 9 P.M.
3	1	1				
4	1	1				at 9 A.M. 30 faths B & W sand
5			Calm			at 12 Noon 17 faths coarse
6	1	1				pebbles
7	2					
8	2					Lat 40° 57'
9	3					
10	3					
11	4		N N E			
12	4					

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	1			Monday April 18 th 1875

[illegible]

1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

[illegible]

[illegible]

Brig Pe tots from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Sunday May 1 st 1782
2				SE		Came with light air and pleasant weather
3						
4						
5						At 11 P.M. the Pilot came on board
6						& I under weight and proceeded to sea
7						
8						At 1 P.M. I ordered to set here to 11
9						about 6 M
10						
11						Pleasant during the night & saw
12						a number of fishing vessels
1						at day the rain came on & the sea was high
2						At 10 32 A.M. I ordered to set here to 11
3						long by Chrono 70° 52' 22" N
4						
5						At 10 50 A.M. I ordered to set here to 11
6						long by Chrono 70° 52' 22" N
7						
8						At 11 A.M. I ordered to set here to 11
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		SE by S			Monday May 2 nd
2	8					Begins with fresh breezes and
3	8					pleasant weather all day & sail set
4	8					
5	8					
6	8					
7	9		S.E.			
8	9					Continues steady breezes and
9	8					pleasant
10	8					
11	8					
12	8					
1	7	1				
2	7	1				At 11 A.M. 40.10
3	8					
4	8					
5	8					
6	8					
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	8					
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE by S	191	2° 08'	142	39 53	40.20	4° 27'	08	55.48	65.28

At 11 A.M. I ordered to set here to 11
 Course SE by S 191 2° 08' 142 39 53 40.20 4° 27' 08 55.48 65.28
 so the course is to be in the course steered

St. Louis from *St. Louis* towards *Cayenne*
 H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday May 30th 1836*

1	1	1	S. E.	h. 3 1/2		<i>Clouds with thick breezes and pleasant weather Day by 8 hours at 2 P.M. 56. 11 may 72 At 5 P.M. the temperature of the water was 42° (air 40°) and 39 at 1 P.M. water 31 Mid day fine weather at 5 P.M. some rain falling in 5 P.M. but not much and flying like S. S. March breeze and some small rain the breeze At 11 A.M. blowing a gale with dark heavy weather. The sea the main and west side and the top of the water at noon 21 at 1 P.M. water 31</i>
2	1	1	S. E.			
3	1	1				
4	1	1		h. 4 1/2		
5	1	1				
6	1	1	S. E.			
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				<i>At 11 A.M. blowing a gale with dark heavy weather. The sea the main and west side and the top of the water at noon 21 at 1 P.M. water 31</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE 1/2 E</i>	<i>10 1/2</i>	<i>1 4 1/2</i>	<i>1 3 1/2</i>	<i>38 37</i>		<i>4 1/2</i>	<i>2 5 1/2</i>	<i>13 2 1/2</i>	

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday May 31st 1836*

1	1	1	S. E.	h. 4 1/2		<i>Clouds with thick breezes and pleasant weather. At 5 P.M. let me repeat of the 1 P.M. at 8 P.M. close repeat the 1 P.M. and at the balance repeat the 1 P.M. Mid day part heavy and nearly hot in the forenoon. at 1 P.M. repeat the 1 P.M. at 2 P.M. at the same 1 P.M. 1 P.M.</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1				<i>At 1 P.M. at the same 1 P.M. 1 P.M.</i>
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE 1/2 E</i>	<i>39</i>	<i>4 1/2</i>	<i>2 1/2</i>	<i>37 5 1/2</i>			<i>1 39</i>	<i>51 4 1/2</i>	

Bay Ste takes from *Port of Spain* *towards* *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		18 N.W.			Monday May 5th
2	2					Depart with fresh breeze
3	2					variable weather 11 P.M. took
4	2					the extra 10 miles in a fair
5	2			high		equally with heavy rain at 3 P.M.
6	2					
7	2					
8	2					
9	2					
10	2					At 2 P.M. lightning in the N.W.
11	2					wind became variable by 4 P.M.
12	2					gusts of 10 to 12 miles per hour
1	2					set up by 4 P.M. 4 miles
2	2					at 10 miles the weather being fine
3	5		10 E. N.W.			at 9 A.M. water 52
4	5					
5	5	1				At 10 A.M. 52 23
6	5	1				
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1220	85	1° 19'	52	35° 35'	36° 25'		40	51° 04'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	10 E. N.W.			Tuesday May 5th
2	5	1				Depart with calm breeze and fine
3	5	1				weather at 1 P.M. in heavy rain
4	5	1				at 10 miles at 1 P.M.
5	5	1				at 10 miles at 1 P.M.
6	5	1				at 10 miles at 1 P.M.
7	5	1	5 S.E.			at 10 miles at 1 P.M.
8	5	1				
9	5	1		high		At 10 A.M. calm breeze and fine
10	5	1				
11	5	1				
12	5	1				At 10 A.M. 52 23
1	5	1				
2	5	1		N.W.		Long by 6 hours at 10 A.M. 59 00 West
3	5	1				
4	5	1				
5	5	1				Lat 11 00 34 21
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1250	129	1° 45'	53	34° 17'	34° 21'		1° 08'	59 15'	

Brig *Proctor* from *St. Leon* towards *Cagayan*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		11.16	NNE		Saturday May 7 th 1835 Begin with light winds and pleasant weather At 11 A.M. took in Main S. Gallant studding
2	4					
3	4					
4	4					
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	1					At 1 P.M. in Sizing 12.0 and Main Royal C. S. S. North tacked End with fresh breeze and loud weather Lat 11° 32' North
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1216	115	2 10	51	32 11	32 01		1 19	58 37	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		0.36			Sunday May 8 th 1836 Comm with fresh breeze and strong weather Middle and latter part light and calm At 1 P.M. light breeze from S. set S. Main S. Gallant tacked Main Royal and flying 166 Longitude 160° 18' 10" 1572 40 Longitude by Obs 160° 35' 42" Lat Obs 30° 42'
2	1					
3	1					
4	1					
5	1					
6	1					
7	1	1				
8	1	1				
9	1	1				
10	1					
11	1					
12	1					
1	2					Longitude by Obs 160° 35' 42"
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1246	80	1 13	32	30 48	30 42		38	57 59	

Trig. P. 100 from the line towards Cape

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	SE 1/4 S	SW		Monday May 9th 1835
2	3	1				Calm with light breeze and pleasant
3	3	1				and drawing sail out
4	3	1				
5	3	1				
6	2	1				
7	2	1	SE 1/4 S			Middle part light air and pleasant
8	2	1				
9	2	1				
10	2	1				at 11 am in the fore
11	2	1				
12	2	1				
1	2	1	SE 1/4 S	SE 1/4 S		Long by Mean of 3 observations 11 4. 11
2	2	1				54 57
3	2	1				
4	2	1				
5	2	1	SE 1/4 S	SE 1/4 S		Long by Chron at 11 am 56. 02
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	1	1	SE 1/4 S	SE 1/4 S		Lat 26 30 07
11	1	1				
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 1/4 S	13	35	52	30 07	30 07		1 00	55 59	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE 1/4 S	SE 1/4 S		Tuesday May 10th 1836
2	4					Calm moderate and pleasant
3	4					Long by Chron at 4 P.M. 55. 22
4	4					
5	3	1				
6	3	1				
7	2	1				
8	1	1				
9	1	1	SE 1/4 S			Continues moderate and pleasant
10	1	1				
11	1	1				
12	1	1				
1	2	1	SE 1/4 S			Long by Chron at 9 am 54 43
2	2	1				
3	2	1				Long by Chron at 11 am 55 52
4	2	1				55
5	2	1				
6	2	1				
7	3	1				
8	3	1				Lat 26 29 53
9	3	1	SE 1/4 S			
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 1/4 S	12	25	57	29 42	29 53		1 05	55 53	

Brig *La. Lotos* from *San Juan* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		SE	by N		Wednesday May 11 th Begins with light breeze and pleasant weather.
2	3					
3	3					
4	3					
5	3		SE	SSW		Longitude by Chron. at 9 ^h 41 ^m 55 ^s 41 ^t Lat 11 th 46 th 29' 35"
6	2	/				
7	2	/				
8	/					
9	/					
10	/					
11	/					
12	/					
1	/					
2	/					
3	/					
4	/					
5	/					
6	/					
7	-		Calm			
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	31	20	24	29° 30'	29° 31'		27	55° 25'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	/		SE	SSW		Thursday May 11 th 30 th Begins Calm Longitude by Chron. at 3 ^h 21 ^m 53 ^s 45 ^t 11 th 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35" at 11 ^h 46 th 29' 35"
2	/					
3	/					
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					
10	/					
11	/					
12	/					
1	/					
2	/					
3	/					
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					
10	/					
11	/					
12	/					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	40	31	25	29° 24'	29° 25'		36	54° 55'	

10 of 1 from

towards

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		S 66° S W 1/4 N			10 Log 11 1/2 1/2
2	2					
3	2					
4	2					
5	2					
6	2					
7	2		E 5 C			
8	2					
9	2					
10	2					
11	1	1				
12	1	1				
1	1		S 10			Long by Chron. 11 1/2 1/2 1/2 36
2	1					
3	1					
4	1					
5	2	1	S 66 C			
6	2	1				
7	2					
8	2					
9			Cal			
10						
11	1	1	S 66 S			
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1 1/2 5 1/2	50	28	29	15 37	25 29		33	54 23	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	S 66 S 1/4 E			
2	1	1				
3	1	1				
4	1	1				
5	2					
6	3					
7	2	1				
8	2					
9	2					
10	4					
11	5					
12	2		S 66 C			
1	3		S 66 C			
2	3					
3	2					
4	2					
5	2		S 66 C			
6	2					
7	2					
8	2					
9	2					
10	2					
11	2	1	S 66 S			
12	1	1	S 66 S			

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
P 22 C	51	47	19	27 42	27 35		22	54 11	

Being Sailed from *Talca* towards *Coyen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Monday 15th 1855</i>
2						
3						
4						
5	2	1	E by S by E			
6	2	1				
7	2	1	ESE South			
8	2	1				
9	1	1				
10	1	1				
11						
12						
1						
2						
3						
4						
5	2		SEW			
6	2					
7	2					
8	1					
9	1					
10	1	1				
11	1	1	SEW			
12	1	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEW	18	17	7	27.20	27.23			5	53.53

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1					<i>Monday May 15th 1855</i>
2	1					
3	1	1	E by S by E			
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1				
9	1	1	SEW			
10	1	1				
11	1	1	SEW			
12	1	1				
1	1	1				
2	1	1				
3	1	1				
4	1	1				
5	1	1	SEW			
6	1	1				
7	1	1				
8	1	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEW	47	39	25	28.44	27.02		28	53.25	

Big Pelagos from Palermo towards Cingone

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					Monday Aug 17 1855
2	4	1				Continued with breeze and
3	4	1				strongly appeared and sail
4	4	1				set
5	4					
6	5					At 5 AM took a small boat from North Moor
7	5					took on board the small boat
8	5					Major Royal flying till then
9	2					55 equalized all by sail and
10	2					main sail
11	2					
12	2					Middle and latter part
1	1					light breeze
2	1					
3	1	1				Long by Chron at 9.50 AM
4	1	1				50.41
5	3					
6	3					
7	3					
8	3					
9	3					Lat 56 53.2
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
226	79	1.13	10	25 49	25.50		29	52.55	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	North		Tuesday Aug 18 1855
2	5					6 AM. pleasant all sail set
3	5					at 2 AM. took in the starboard
4	5					studsails and set the try sail
5	5					at 8 in starboard lower, the sail
6	5					
7	5					
8	5					Middle part equally at ease
9	5	1				in main Royal
10	5	1				
11	5					
12	5					
1	5	1				At 10 AM. went flying till
2	5	1				and set it
3	5					
4	5					Long by Chron at 9 AM.
5	5					49.50
6	5	1				
7	5	1				Lat 56 23.50
8	5	1				
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
226	128	1.53	48	23 52	23.50		54	52.02	

Brig *Pactolus* from *Valen* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		S by E	NE		<i>Thursday May 19th 1856</i> <i>All these 24 hours moderate and pleasant at 2.30 P.M. set lower studding sail</i>
2	4					
3	3					
4	3					
5	3					
6	2	/				
7	2	/				
8	2	/				
9	2	/				
10	2	/				
11	2	/				
12	2	/				
1	2	/				<i>Long by Chron at 10 am 49° 41'</i> <i>Lat 22° 45'</i>
2	2	/				
3	2	/				
4	2	/				
5	2	/				
6	2	/				
7	2	/				
8	2	/				
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
111 E	88	1° 07'	13	22° 49'	22° 45'		15	51° 49'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	/		S by E	NE		<i>Friday May 20th 1856</i> <i>All these 24 hours light airs inclining to calm</i>
2	/					
3	/					
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					
10	/					
11	/					
12	/					
1	/					<i>Lat 26° 22' 10"</i> <i>n.w.</i>
2	/					
3	/					
4	3					
5	2					
6	2					
7	2					
8	2					
9	/					
10	/					
11	/					
12	/					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
111 E	101	2° 00'	5	22° 15'	22° 10'		7	51° 42'	

Brig *Sactolus* from *Walam* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		1 by E	NE		<i>Water clear May 21 1835</i> Begin with light breeze and pleasant weather at 5 P.M. at the lower end of the signal at Medane
2	1					
3	1	1		NE		
4	1	1				
5	2	1		N.E.		
6	5					Middle part mainly lost in haze, Medane
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				<i>Water in N.E. of allant, Medane</i> (Water 11 A.M. 4938)
12	5	1				
1	4	1	1 by E			
2	4	1				
3	4	1				
4	5	1		NE		
5	5					<i>Water 1837</i>
6	5					
7	2					
8	2					
9	2		1 by E	N.E.		
10	5					
11	4					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
59 E	88	1° 27	14	20° 43	20° 31		15	81° 21	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	58 E	NE		<i>January 22 1836</i> Begin with brisk breeze and squally appearance
2	5	1				
3	5					
4	5					
5	5					
6	5					Middle and latter part brisk breeze and pleasant
7	5			N.E.		
8	5					
9	5					
10	5					
11	5					passed a large ship showing American colours steering N.W.
12	5					
1	5					
2	5					
3	5					
4	5					<i>Water by Chron at 9.30 A.M. 4852</i> <i>Water 1849</i>
5	5					
6	5					
7	5					
8	5					
9	4					
10	4					
11	4					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
52 E	132	2° 02	49	18° 31	18° 49		52	50° 35	

Brig *Sacolas* from *Salem* towards *Capevine*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		2 nd 6	nm 6		Monday May 23 1836
2	5					Begins fine breezes and pleasant weather
3	5					Long by Chron 2 PM 49° 43'
4	5					Index error 5' 30"
5	5					
6	5					Middle and latter part moderate and pleasant
7	5	1		B. E.		
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	6	1				Longitude by Chron at 9 49 43
2	6	1				48 49
3	6	1				
4	6	1				
5	5					
6	5					
7	5	1				Lat Obs 15° 11' North
8	5	1				
9	5	1		East		
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
2 nd 6	124	2.03	4	15.40	15.42		4	50° 31'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	2 nd 6	B. E.		Monday May 24 1836
2	4	1				Begins moderate breezes and pleasant weather
3	4	1		East		Index error
4	4	1				Long by Obs at 2.30 P.M. 49° 03'
5	4	1				49 23
6	4	1				49 19
7	4	1				Middle and latter part the same
8	4	1				
9	4	1				Two fin back whale in company
10	4	1				darting at times their whole bodies
11	4	1				perpendiculary out of water
12	4	1				
1	4	1				
2	4	1				Lat Obs 15° 11'
3	3	1				
4	3	1				
5	4	1				
6	5	1				
7	3	1				
8	3	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
2 nd 6	100	1.39	10	15° 03'	15° 11'		11	50° 20'	

Brig *Pactolus* from *Salon* towards *Cayenne*

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday May 25th 1836*

1	3	1	SE	ENE		Commenced with fresh breezes and squally weather at 4 P.M. took in the Main top gallant & top sail
2	3	1				
3	4					
4	8		South by S			
5	5					
6	5					Middle part fresh breezes and squally appearances
7	5					
8	5					
9	7		SE	ENE		
10	7					
11	7					Latter part pleasant Long by Chron at 9 AM. 48° 45'
12	7					
1	7		South East			
2	6	1				
3	6	1				
4	6	1				Lat Ob 10° 42'
5	7					
6	7					
7	7					
8	7					
9	6	1				
10	7					
11	7					
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>South</i>	<i>145</i>	<i>2° 28'</i>		<i>12° 45'</i>	<i>12° 42'</i>			<i>50° 20'</i>	

H. K. H. K. Courses. Winds. Lee. Remarks. *Thursday May 26th 1836*

1	5	1	SE	ENE		Came with brisk increasing breeze from SE at 8 P.M. in S. G. all sails and single reefed the fore, top and main top sail. More squalls with rain & lightning
2	5	1				
3	5	1				
4	5	1				
5	3	1	South			
6	6					Midnight cut reef and set S. G. sails
7	7		SE	NE		
8	7					
9	6	1				
10	5	1				
11	5	1				Latter part pleasant Long by Chron at 10 AM. 49° 10'
12	7	1				
1	5	1	SE			
2	5	1				
3	5	1				
4	5	1				Lat Ob 10° 22'
5	6					
6	6					
7	7					
8	7					
9	7		South			
10	7					
11	7		SE			
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>South</i>					<i>10° 22'</i>			<i>50° 20'</i>	

Brig Pactolus from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7	1	S by E	E by N		Friday May 27 th
2	7	1				Begins with fresh breezes and cloudy weather all sail set
3	7	1	S by E			
4	7	1				
5	7	1	S by E			
6	7	1				
7	7	1				Fresh breezes and pleasant during the night
8	7	1				
9	7	1				
10	8	1				
11	8	1				
12	8	1				Longitude by Chron at 9.23 a.m. 48.28
1	8	1				
2	8	1				
3	8	1				
4	8	1				
5	8	1				Lat Obs 75.7 North
6	8	1				
7	8	1				
8	8	1				
9	7	1				
10	6	1				
11	6	1				
12	6	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S by E	170	2° 53'	30	7° 29'	7° 57'		30	49° 50'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	North			Saturday May 28 th
2	5	1				Begins fine breeze and passing clouds at 1 a.m. set the fore topmast & the sail
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				Pleasant during the night
8	5	1				
9	5	1	S by W	S by E		
10	5	1				
11	5	1				
12	4	1				Long by Chron at 7 a.m. 49° 40'
1	3	1	S by W	S by E		
2	3	1				
3	3	1				
4	3	1				
5	3	1				Lat Obs 6° 48' North
6	3	1				
7	3	1				
8	3	1				
9	3	1	S by E			
10	3	1				Diff between Chron and D.R. shows a westerly set of 30 miles in 22 hours 10 miles northerly current
11	4	1				
12	4	1	S by N			

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22° W	67	1° 20'	32	6° 37'	6° 48'		33	59° 23'	

Brig Pactolus from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	South	ESL		Sunday May 29 th 1876
2	3	1				Begins with moderate breeze and
3	3	1				pleasant weather
4	4					Long by Chron at 2.20 P.M. 49° 40'
5	5		S by E			
6	5					
7	5	1	SE E 4 E			Middle part the same came into
8	5		SE 4 E			a strong tide up, at 12 midnt
9	5					saw several during the day
10	5					at 5 a.m. the water appeared of
11	4					yellow color
12	4					
1	6		SE	SE 4 N		Long by Chron at 8 a.m. 49° 20'
2	5					
3	5					
4	5					
5	5					Latt obs 5° 08' North
6	5					
7	5					
8	5					
9	5	1				by the Chron current about 1 mile per hour
10	5	1				
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1820-6	127	1° 59'	43	4° 49'	5° 08'		4.3	51° 06'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7		South	N.E		Monday August 1539
2	7					Came with brisk breezes and
3	7		SSW			pleasant weather, Long by Chrons
4	7		SE			at 2 P.M. 19.75
5	6		SW & S			at 4 P.M. sounded no bottom
6	6					with 100 fathoms at 8 sounded 50 fathoms
7	8					sand. Midst sounded 50 fathoms
8	8					at 10 and at 11 25 fathoms no bottom at 4
9	7					U.M. sounded 13 fathoms were fish
10	7					in - stood N.N.W. shoals the water
11	7					to 8 fathoms tacked and stood off E.S.E.
12	7					deepen the water to 22 fathoms tacked
1	6		S.S.W.			several times wind and weather
2	6					unsteady
3	6					
4	6					
5	5		N.N.W.			No observation
6	4					
7	3		E.S.E.			
8	2	1	N.N.E.			
9	2	1	N.N.W.			
10	2	1	N.S.W.			
11	2	1	West			
12	2	1				

[illegible]

Brig "Patriot" from Valence towards Cayenne

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Civil account Tuesday May
2						31st Lazerum bearing S by W
3						4 miles dist Long by Chrono
4						allowing 15" per day gain 57:49' 9"
5						one alt by another 51° 51'
6						52 15 long of Lazerum
7						51 51
8						25
9						Chrono diff of Greenk mean time
10						1.58.38
11						2 00 18 by given rate
12						1.40 too much in 318 days = $\pm 35\frac{1}{2}$ hrs
1						alg too much or $3\frac{9}{10}$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
			Course.	Dist.	Diff. Lat.	Dep.
			Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.
			Long. in.	Long. by Ob.		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Thursday Oct. 18 th 1866

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					7.39.			52.15.	

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. m.	Long. by Ob.
NW	100	1°44'	20	9°23'	9°57'		21	5233	

Brig *Factotum* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NW	EG		Saturday Octob 8 th 1838 All these 24 hours in steady equally weather
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	4	1				
10	4	1				
11	5					
12	5					
1	5					Long by Chron at 8.50 AM 52.50 Lat Obs 11.39
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5		NW			
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 12 W	120	1° 57'	24	11° 48' 08"	11.39		25	53° 02'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	NNW	NE		Sunday Octob 9 th These 24 hours in moderate breezes and equally weather at 1 PM both in the lower standail and main Royal at 3 PM set the lower stand
2	4	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	5			ENE		Middle and latter part unsteady breezes with some rain wind from NNE to SE Long by Chron at 10 AM 53.45 Lat Obs 13.10
2	5					
3	5			SE		
4	5			ENE		
5	5					
6	5			ENE		
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 12 W	108	1° 40'	40	13° 19'	13.10		42	53° 44'	

Brig *Factotum* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses:	Winds.	Lee.	Remarks.
1	4		nnw	SE		Monday Oct. 10 th 1835 First part of these 24 hours unsteady breezes with squalls & rain at 4 P.M. took in 3 Gallant sails and studding sails, hauled jib and main sail 5 P.M. set 3 ^d Mast studdard and Main Gallant sail
2	4					
3	4					
4	4					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	2					Latter part steady breezes and pleasant weather, made all sail 10 A.M. saw a vessel standing westward
12	2					
1	3					
2	3					
3	3					
4	3					
5	4					
6	4	1				
7	5				NE	
8	5					
9	4					
10	4					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22 W	82	1° 15'	30	14° 26'	14° 44'		32	54° 16'	

H.	K.	H. K.	Courses:	Winds.	Lee.	Remarks.
1	4		nnw	SE		Tuesday Oct. 11 th 1835 Firm breezes and squalls decided at 8 P.M. in main log sail No clouds about the horizon during the night Long by Chron. 8. 20. 55 W Lat 16° 24'
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	4	1				
12	4	1				
1	4					
2	4					
3	4	1				
4	4	1				
5	4					
6	4					
7	4					
8	4					
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 28 W	110	1° 37'	51	15° 21'	16° 24'		53	55° 09'	

Brig *Pactolus* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		NNW	2		Begins with moderate breeze and cloudy weather all hands employed in ships duty
2	3					
3	3					
4	3					
5	3					
6	4					
7	4		W	11/12		Cloudy during the night at 4 A.M. squally with thunder and lightning and heavy rain 5th & 6th all sail set
8	4					
9	4					
10	4					
11	4					
12	4					
1	3					Lat 17° 39'
2	3					
3	2					
4	2					
5	1					
6	4					
7	4			SW		
8	4					
9	2					
10	2					
11	3					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 32 W	77	1° 05'	40	17° 29'	17° 39'		43	55° 52'	56° 35'

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		NW & Mg N			Winds moderate and pleasant all sail set Long by Chron at 3 P.M. 56° 24'
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					At 8 P.M. set the Main Royal
8	4					At 12. midn set the lower ludsail
9	4					After part moderate nearly calm Long by Chron at 8.30 A.M. 57° 20'
10	4					
11	4					
12	4					
1	2					
2	1					
3	1					Lat 18° 22'
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30 W	61	51	35	18° 30'	18° 22'		35	57° 09'	

Big Shot from Cayenne towards Oulem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		NW 1/2 N			Friday Oct 14 1836
2	1					Begins with light air, from NW
3	1					and pleasant weather, jibed ship
4	1					
5	1					
6	1					
7	1					
8	1					Middle part pleasant wind
9	1		NW 1/2 N			hauling to the Eastward
10	1					at 1 PM jibed ship
11	1					
12	1					
1	2					
2	2					
3	2					
4	2					
5	3					
6	3					
7	3					
8	3					
9	4					
10	4					
11	4		NW 1/2 N			
12	4					

Left Ob 19:14

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 25 W 48	43	20	19	05	19 14		21	57 30	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	NW 1/2 N	East		Saturday Oct 15 1836
2	1	1				Begins with light air and
3	2					squalls of rain
4	2					
5	2					
6	2	1				
7	3	1				
8	3	1				Middle part misty, breezes
9	4					and light squalls
10	4					
11	4					
12	4					
1	5					
2	5					At 4 PM. the weather moderately
3	4					clear up with a fresh breeze
4	3	1				from N.E.
5	3	1				
6	5					
7	5					
8	7					
9	7					
10	6	1				
11	6					
12	7					

Left Ob 20:58

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 34 W 101	1 23	58	20	37	20 58		1 00	58 30	

Brig Dictator from Cayenne towards Namur

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		NW by N	6		Monday Oct 10th
2	1					All these 24 hours fresh breeze
3	1					and pleasant weather
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2					
2	2					
3	2					
4	2					Long by Chron. 18am 59.55
5	2					
6	2					Lat Obs 23.75
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
134 1/2	156	2° 09'	87	23° 07'	23° 10'		1° 35'	60° 05'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		NW by N	6		Monday Oct 12th 1835
2	1					All these 24 hours brisk breeze
3	1					and pleasant weather
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2					Long by Chron. 18.58 am
2	2					61° 18' West
3	2					
4	2					
5	2					
6	2					Lat Obs 25° 05'
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
134 1/2	137	1° 54'	76	25° 04'	25° 06'		1° 23'	61° 28'	

Brig *Patoka* from *Cayenne* towards *Valen*

H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday Oct 18th 1835*

1 *5* *h. h. v. ESE.*
 2 *5*
 3 *5*
 4 *5*
 5 *5*
 6 *5*
 7 *5*
 8 *5*
 9 *5*
 10 *5*
 11 *5*
 12 *5*
 1 *5*
 2 *4*
 3 *4*
 4 *4*
 5 *4*
 6 *4*
 7 *4*
 8 *4*
 9 *3*
 10 *3*
 11 *2*
 12 *2*

All these 24 hours light breeze and pleasant weather
 Long by Lunar at 2.30 P.M. $5^{\circ}45'$
 mean of two sights $8'$ West of chron.

Index
 $5^{\circ}40'$

Long by Chron at 9 AM $62^{\circ}28'$

Lat Obs $26^{\circ}30'$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>N 34 W</i>	<i>103</i>	<i>1 25</i>	<i>58</i>	<i>22 30</i>	<i>25 30</i>		<i>1 05</i>	<i>62 33</i>	

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday Oct 19th*

1 *2* *h. h. v. ENE*
 2 *2*
 3 *2*
 4 *2*
 5 *1*
 6 *2*
 7 *2*
 8 *2*
 9 *2*
 10 *2*
 11 *2*
 12 *2*
 1 *2*
 2 *2*
 3 *2*
 4 *2*
 5 *2*
 6 *2*
 7 *2*
 8 *2*
 9 *1*
 10 *1*
 11 *1*
 12 *1*

Come moderate and pleasant
 Long at 3.20 P.M. by mean of 3 sights
 of $63^{\circ}07'$ Long $63^{\circ}19'$ Obs
 $63^{\circ}31'$ Long $62^{\circ}34'$ by Chron
 3152 45 diff
 Long Obs $63^{\circ}19'$
 at 7 AM set the jib and took in the lower studding

Long by Chron at 8.55 AM
 $63^{\circ}03'$

Lat Obs $27^{\circ}05'$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>N 33 W</i>	<i>50</i>	<i>42</i>	<i>27</i>	<i>27 12</i>	<i>27 07</i>		<i>30</i>	<i>63 03</i>	

Brig Sactoles from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	NW 1/2 N	N 1/2 E		Thursday Oct 20 th 1838
2	1	1				Begins with light airs and
3	1	1				pleasant weather from 4 to 8
4	1	1				severals with rain took in
5	2		nm w			top of all cutails
6	2					
7	2					
8	2					
9	2					Squally during the night
10	2					Morning more pleasant
11	3					set 2 Gallantails
12	3					
1	5		NW 1/2 N			
2	5					
3	5					Long by Chron at 8 am
4	5					54° 02'
5	6					
6	6					
7	6					
8	6					
9	5					Lat Obs 28° 23'
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 30 W	88	1° 16'	44	28° 23'	28° 23'		49	63° 52'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		NW 1/2 N	S. E.		Friday Oct. 21 st 1838
2	4					Begins with moderate breezes
3	4					and fine weather a heavy
4	4					swell from the eastward
5	4		nm w			vessel rolling badly started
6	4					some molasses
7	3					
8	2	1				
9	2					
10	3					At 12 midnt, i bed ship
11	3					
12	4					
1	4		NW	S. E.		
2	4					Long by Chron at 8 am.
3	4					55° 04'
4	4					
5	3	1				Lat Obs 29° 40'
6	3	1				
7	3	1				
8	3	1				
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 33 W	95	1° 20'	52	29° 45'	29° 40'	3° W	58	64° 50'	

Brig Pactolus from Cayenne towards Valparaiso

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NW	SEW		Saturday Oct. 22 nd 1835
2	5					Came with brisk breeze and pleasant weather
3	5					Long by Chron at 4 P.M.
4	5					55° 52' W. diff 15' from the
5	5					Obs in the morning at 5 P.M.
6	5					1 st Main Rig and lower
7	5					studding sent down. 1 st Mizzen and
8	5					
9	5	1	NW			Middle part squally at 5 A.M.
10	5	1				double reefed the topsails
11	5	1				handed gill, mainsail and
12	5	1				trysail at 7 30 A.M. were ship
1	5		NNW			furled the foresail and close
2	5					reefed the topsails 10 A.M. set
3	5					the foresail
4	5		NE			
5	3		NE			
6	2	1	NE		2	
7	2	1				
8	2	1				
9	2	1	NW	SEW	2	
10	3					
11	3					
12	3					

Long dead by Chron 55° 32'

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
NW 92	1° 18'	49		30° 58'			57	65° 47'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		NW	NEW		Sunday Oct. 23 rd 1835
2	3					Spreehales and squally weather
3	3		NW	NE		a heavy sea running
4	3					at 8 A.M. reefed the foresail
5	3		NW		1/2	
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					Long by Chron at 9 A.M. 55° 28'
12	3					
1	3					
2	3					
3	3					
4	3					Lat Obs in diff 10' before noon
5	3					
6	3					32° 1' for diff in time
7	3					
8	3					31 58
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
NW 72	40	60		31° 38'	31° 58'		1° 10'	66° 57'	

Bugaboote from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		h n w	h. e.	2	Monday Octob 24 th 1835 Fresh gales and cloudy weather at 4 P.M. out the spruce at 10 let the reef out of foresail and foretop sail At 2 A.M. set jib and mainsail Long by chron at 8 a.m. 58.42 Lat Dec 32° 40' N
2	2					
3	3					
4	3					
5	3		h n w	h. e.		
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	4		h n w			Long by chron at 8 a.m. 58.42 Lat Dec 32° 40' N
2	4					
3	5		h n w		0	
4	5					
5	5		h n w			
6	5					
7	5					
8	5					
9	5					
10	5					
11	5		h n w			
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 48 W	98	1° 06	73	32° 04	32° 40		1° 25	58° 23	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	h n w	h. e.	11	Tuesday Oct. 25 th 1835 Fresh breezes and passing clouds Was out during the night At 2 P.M. let the reef out of the main topsail and set M.S. Gull sail At 1 P.M. let the reef out of the M.S. Gull and set fore S. Gull Long by Chron at 8 a.m. 70.35 No Dec
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1	h n w	h. e.		At 1 P.M. let the reef out of the M.S. Gull and set fore S. Gull Long by Chron at 8 a.m. 70.35 No Dec
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1	h n w	h. e.		
7	5	1				
8	5	1	h n w	h. e.		
9	5	1	h n w	h. e.		
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 59 W	90	1° 17	88	32° 57			1° 45	70° 08	

Brig Pa tele from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		West	nnw	1st	Wednesday Oct 27th 1830
2	3					Begin with moderate breeze
3	3		n.e			and fine weather and a
4	3					ship standing westward
5	4		eg N	ngb		at 2 P.M. lashed ship, n.e.
6	5					Long by Chron at 3.30 P.M.
7	5					70° 48' M.P.
8	3		Cont			
9	3					At 3 P.M. equally double reefed
10	3					the topsails and topsail headed
11	3					Mainsail and jib at 11. m. m. m.
12	3		eg N			close reefed the Fore topsail
1	3					a heavy sea running, pumped
2	3					up the ladders at 10 A.M. let
3	3					2 reefs out of the topsails set
4	3					11.6 and let out rest of the topsail
5	3					passed a Swedish Brig standing
6	3					south
7	3					
8	3					Lat 32° 55'
9	3					
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
East	55		18	32° 55'	32° 15'		1.21	88° 47'	89° 14'

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	eg N	North		Thurs day Oct 27th
2	3	1	eg N			Begin moderate enough 12
3	3	1	ngb	ngw		lost birds Long by Chron
4	3	1				at 3 P.M. 19. eg West
5	3		ngb			
6	3					at 4 P.M. set the Mainsail
7	4					
8	4					
9	3	1				
10	3	1				
11	3	1				Middle part moderate and
12	3	1				pleasant out all reefs
1	3	1	ngw			and set 1/2 sails
2	3	1				
3	4					
4	4					
5	4		ngb			
6	4					
7	4		ngb			
8	4					Lat 33° 42'
9	4		ngw			
10	4					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1256	91	1.24	35	34° 20'	33° 42'		43	88° 04'	

Grey Puelos from Payenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		N. by W. S. W.			Friday Oct 28th 1858
2	5					Being strong breeze from
3	5					the S. W. and making at 4 P.M.
4	5					took a heavy squall cleared
5	5		N. N. W.			up & sail down to top sail
6	5		Say too			furled main sail and
7	2		up west			single reefed top sails
8	2		N. N. W.			Lay by Chron at 4.30 P.M.
9	2					Lat 37. N
10	5		N. N. E. N. W.			At 5 P.M. heavy squalls with
11	3					thunders lightning and rain
12	3		N. E. S. W.			hove too at 10. hove away
1	3					Middle part fresh gales
2	3					from N. W. set fore & main sails
3	5					double reefed main and clew
4	5					reefed fore top sails jib & try
5	5					Lay by Chron at 8 A.M. 28th
6	5					Lat 35° 0' North
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. N. E.	85	1. 20. 26	35. 02	35. 02			32	67 32	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		N. E.	N. N. W.		Saturday Oct 29th
2	4					Begins moderate all hands
3	3					employed set up main rigging
4	3					M. S. Mast back stays & rigging
5	2					unbent fore top sail and sent
6	2					another 5 P.M. were ship
7	2					at 8 P.M. let the reef out of the
8	2					main top sail and set M. S. G
9			Calcut			sail
10						
11						
12						Midst were ship
1	1		N. by W.			
2	1					
3	1					
4	1					
5	1		N. N. W.			
6	1					
7	1					Lat. 36. N.
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. N. E.	70	1° 10'	36. 12	36. 12				67 32	

Brig Kestrel from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		NAN	SW		<p>Monday Oct 30th</p> <p>Begins with strong breeze up to 1 P.M. freshen the main and fore sail out sails, at 4 P.M. in a squall a whirlwind passed very close to the stern settled down the topsails part made sail at 2 P.M. Long by Chron 58° 4.</p>
2	7					
3	7					
4	7					
5	8		ngw	ngw		
6	8					
7	5					
8	5					
9	5					
10	4		nc	nnw		
11	2					
12	3					
1	3		nc	North		<p>at 3 A.M. tacked to the westward at 7 30. set the main sail Long by Chron at 8.30 a.m. 58° 13 de Lat 56° 37' 10 Good looking sea and at</p>
2	3					
3	3					
4	3		ngw			
5	3					
6	4					
7	4		nnw			
8	4					
9	3		ngw	ngw		
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 10° E	127	1° 12'	1° 12'	37° 26'	37° 10'		13	57° 45'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		W N W	North	1/2	<p>Monday Oct 31st 30</p> <p>Begins with moderate breeze and cloudy weather, at 8 P.M. on 5.3 sails fresh breeze during the night</p>
2	5					
3	5		nnw	nnw		
4	5					
5	5		nnw			
6	5					
7	5		nnw			
8	5					
9	5		nnw			
10	5					
11	5					
12	5					
1	5					<p>At 7 A.M. double reefed the topsails Long Chron at 8.30 a.m. 70° 00 de West at noon strong trade winds on the northern edge of gulf stream Lat Obs 35° 22</p>
2	5					
3	6					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 47° W	127	1° 33'	80	38° 43'	38° 27'	1/2	1.49	69° 34'	

Brig *Isotatus* from *Layenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	by N	N.E.		Tuesday Nov 17 1835 Begins with fresh breezes and cloudy but two pegs out of the main and one out of the fore topsails peeped a thick and big
2	5	1				
3	5	1				
4	5	1				
5	5	1	by N			
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				Monday breezes during the night Long by Chron at 8 AM. 71.30. morning made all sail Lat Obs 40.15 End moderate pleasant
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

28 days out

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 26 11	103	1.32	45	39 59	40 11	NW	59	70 33	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		by N	N.E.		Wednesday Nov 18 1836 Begins moderate got up and bent the chains got the anchors on the bows at 4 AM sounder 38 fathoms green oode at 9 AM took in T. S. & sail and flying jib at 2 AM in M. S. & sail at 4 AM tacked to Northward at 7 30 AM double reefed the topsails and try sail furled Lbl and main sail No Obs.
2	3					
3	3					
4	3	1	fairth			
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				
1	5	1	S 18 N			28 days out 28 days out
2	5	1				
3	5	1				
4	5	1				
5	5	1	by N			
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				40.30		NW		70.30	

Brig *Sactatus* from *Cazem* towards *St. Bern*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		hgb	NW	2	These 24 hours commence with hard gales and rain at 4 PM. hove too under close reef main top sail and reef species at 8 sound 33 fathms with 8 wore ship
2	4					
3	4					
4	1	1	hgb	NE	5	
5	1	1				
6	1	1				
7	1	1				
8	2		hgb	SE	5	Middle & latter part heavy gales with a large sea going
9	2					
10	2					
11	2					
12	2					
1	2		hgb	NE	5	No Observation
2	2					
3	2					
4	2					
5	2					
6	2					No Observation
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
9226	20	15	7	40.15			10	70.20	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		hgb	NW	5	Comm with hard gales and a heavy sea at 1 PM. at the balance reefed top sail and J.C. Mast top sail
2	2					
3	2					
4	2					
5	2	1				
6	2	1				
7	2	1				
8	2	1				Moderates during the night made all sail
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	3		hgb		3	at 6 AM sound 70 fathms green ooze - at 12 sound 60 fathms
2	3					
3	3					
4	3					
5	3					
6	3		hgb		0	Latter part of obs 4.21
7	3					
8	3					
9	3					
10	3	1				
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					40.20			70.30	by soundings

Trig. Tacholus from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		h E	W N W		Wednesday Nov 25 th 1856
2	3					Begins with moderate and cloudy
3	4		h E E	W N W		at 4 P.M. sound 40 fathoms at 12
4	4					bottom at 5.38 fathoms at 12
5	2		h N E	W N W		35 fathoms
6	3					
7	3		East			
8	3					at 4 P.M. the anchor is a signal
9	3		h E E	West		to windward double reefed the
10	3					topsails morning made all
11	3					sail
12	3					at 10 A.M. sound 38 fathoms
1	3					at 12. 38 fathoms B & W Band
2	3					
3	3					New board by the boat of ship
4	3					Coliseum St. H. Deale 150 days
5	3					from Canton of 4 for Boston
6	3					with sugar & molasses in return
7	3					and Clergy No observation
8	3					
9	2		h E E	h E		Coliseum longitude by Chron 70.30
10	2					by Obs 70.54
11	2					
12	2					Lat & sounding 40.30.

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				40.30	None			70.00	by Soundings

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6	1	h E N	h E		Thursday Nov 26 th 1856
2	5					Begins with moderate breezes &
3	5	1	h E N			cloudy weather at 7 P.M. took in
4	5	1				h E sails at 10
5	5	1				
6	5	1				
7	5	1	East			Strong breeze during the night
8	5	1				
9	5	1	h N E	h N E		at 4 A.M. tacked westward
10	5	1				
11	5	1				at 7.30 A.M. tacked Northward
12	5	1				single reefed the topsails.
1	4		h E E	h E		at 8 A.M. 39 fathoms fine B & W Band
2	4					
3	4					
4	4					Lat Obs 40.41
5	4		h N W	h N W		
6	4					
7	4					
8	4					
9	4		h E N			
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				40.41				68.50	

Brig *Pactolus* from *Cayenne* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	/	NNE	NW 1/2		Monday Nov 7 th 1835
2	4	/				Beginn strong gales with hail
3	4	/				squalls close reefed the topsails
4	4	/				furl'd Libb + Main's'l
5	3	/				Long by Chron at 2 PM.
6	3	/				58.49 West agreeing with sounding
7	2	/	SWW	SE 3		carried away the clew of the foresail
8	2	/				unbent it at 5 PM. wore which
9	2	/	NNW			sounded 26 fathoms fine sand at 12
10	/	/				28 fathoms pebbles at 1 PM out 2 mps +
11	/	/	WN	North		set Libb Latt by North star at 3.30 AM
12	/	/				40.55. at 7.30 AM tacked ship
1	2	/				Meridian sounded 33 fathoms white sand
2	3	/				and shells bent foresail out full mps
3	3	/				set S.G. sails Long by Chron at
4	3	/				10.30 AM 58.5)
5	2	/				Latt Obs 40.49
6	2	/				
7	2	/				
8	2	/				
9	3	/	NNE			
10	3	/				
11	3	/				
12	3	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					40.49 1/2			68.30 by Soundings	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	/	SE	NNW		Tuesday Nov 8 th 1835
2	3	/				Beginn clear pleasant weather,
3	3	/	NE			Long by Chron at 4 PM. 68.49
4	3	/				at 5 PM. sounded 25 fathoms sand & stones
5	4	/				at 6.30 34 fathoms Cold pebbles + sand
6	4	/				at 8 AM. spoke thick Coliseum 68.30
7	3	/	SE	NW		again tacked to S.W. at 10.30, tacked
8	3	/	SE			Northward at 2 PM. no bottom 50 fathoms
9	4	/	SW	P	West	
10	4	/				
11	4	/				
12	4	/	NNW			Long by Chron at 9.30 AM 59.10
1	3	/	NN	WN		Long at noon judging from last soundings
2	3	/				58.40
3	3	/				
4	3	/				
5	4	/	WN			Meridian the wind hauling North,
6	4	/				tacked to westward + two beams
7	5	/				in sight to windward
8	5	/				
9	3	/	WN			Clouds closed NO Obs
10	2	/				
11	2	/	SE			
12	1	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					41.48			68.40 by mean of all soundings	

Brig *Pactolus* from *Bayerna* towards *Halen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	N NW NW			Wednesday Nov 7th 1855
2	1					Begins with light airs inclining
3			Calm			to Calm Lett by N stars at 1.30 PM
4						41.41 N
5						
6						
7						
8						Moderate and pleasant during
9						the night - Lightning from NW to
10	1		WNW north			east
11	1					
12	1					
1	2					Long by mean of 2 sights for Chron
2	2					at 8 AM 69.50. at 9 saw the
3	2					highlands of Cape Cod bearing
4	2					from W. S. W. to W. N. W. dist about 70 miles
5	2					At Marion Cape Cod. Lt. house bore
6	2					SW
7	6		N. N. W.	mod		Lett by Indiff Obs 42.10
8	6					
9	5					
10	5					Chron fast of Greenwich 2.28.20 by the time
11	5					10 miles too far to the westward
12	5					

[illegible]

H.	K!	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

Brig *Picotee* from *Valencia* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Tuesday Nov 25th</i>
2				<i>NE</i>		<i>At 30 P.M. got under weigh</i>
3						<i>from Main Wharf and proceeded</i>
4						<i>to sea at 11.46. Pilot left ship</i>
5						<i>On board to Lt house bore N.W.</i>
6	<i>7</i>		<i>SE</i>			<i>8 miles S.P.M. Cape Cor</i>
7	<i>7</i>					<i>Light house bore S.W. N</i>
8	<i>7</i>		<i>SE</i>			<i>8 miles from which I take</i>
9	<i>7</i>					<i>my departure</i>
10	<i>5</i>					<i>Along with some rain</i>
11	<i>5</i>					
12	<i>6</i>					
1	<i>6</i>					
2	<i>6</i>					
3	<i>7</i>					
4	<i>7</i>					
5	<i>7</i>					<i>No Obs.</i>
6	<i>7</i>					
7	<i>7</i>					
8	<i>6</i>					
9	<i>6</i>		<i>SE</i>			
10	<i>6</i>					
11	<i>6</i>					
12	<i>6</i>					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>P442</i>	<i>128</i>	<i>1°32'</i>	<i>88</i>	<i>40°33'</i>		<i>4.4</i>	<i>1°53'</i>	<i>65°08'</i>	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	<i>8</i>		<i>SE</i>	<i>N.W.</i>		<i>Sunday Nov 27th</i>
2	<i>8</i>					<i>Cons strong breezes and cloudy</i>
3	<i>8</i>					
4	<i>8</i>					
5	<i>8</i>		<i>SE</i>			<i>Strong gales during the night</i>
6	<i>8</i>		<i>SE</i>			<i>with snow squalls</i>
7	<i>8</i>					
8	<i>8</i>					
9	<i>8</i>					
10	<i>8</i>					
11	<i>8</i>					<i>10 A.M. sighted the Main</i>
12	<i>8</i>					<i>Island</i>
1	<i>7</i>			<i>N.W.</i>		<i>No Obs</i>
2	<i>7</i>					
3	<i>7</i>					
4	<i>7</i>					
5	<i>7</i>					
6	<i>7</i>					
7	<i>7</i>					
8	<i>7</i>					
9	<i>7</i>					
10	<i>7</i>					
11	<i>7</i>					
12	<i>7</i>					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>P456</i>	<i>160</i>	<i>1°53'</i>	<i>112</i>	<i>38°40'</i>			<i>2°26'</i>	<i>65°41'</i>	

Brig *Factor* from *Salem* towards *Lagerme*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		SE	SW		Corns strong gales and cloudy at 4 P.M. double reefed the foretop sail
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					
1	7	1				Latt. by Indiff. Obs. 38° 50'
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	6					
9	6					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 52 E	173	1° 45'	05	36° 54'	38° 50'	1/4 W	2° 55'	62° 46'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE S	SW		Begins moderate and rainy
2	5					
3	5	1				
4	5	1				
5	6					Midut in Main F. J. sail
6	6		SE S E			
7	6	1				
8	7					
9	6	1				At 7 30 A.M. double reefed the main topsail in 2 1/2
10	6					
11	5					
12	5					
1	5					at 10: close reefed the topsails and reefed the foresail
2	5					
3	5					
4	5					
5	5			West		Latt by Indiff. Obs 37° 20'
6	5					
7	5					
8	6			SW		
9	4		SE S	SE S		
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 46 E	128	1° 30'	92	37° 20'	37° 20'	.	1° 57'	60° 49'	

Brig (Acetate) from Valen towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		SE	SE	SE	Wednesday Nov 30th
2	3		SE	SE	SE	Begins with hard gales and
3	3		SE	SE	SE	rainy weather with heavy squalls
4	3		SE	SE	SE	sent down S. G. and anchor
5			Lay too			the marks
6			up			
7			SE			at 4 P.M. hove too under close
8			SE			reefed main topsail
9			SE			
10			Drift			
11			19 miles			
12			per hour N			Continues hard gales and
1			up SE			heavy squalls
2			SE			
3			SE			
4			SE			
5						
6						No Obs.
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	40	16	30	37° 04'			45	80° 04'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			Lay too			Thursday Dec 1st 1836
2			up SE			Begins with hard gales and
3			SE			a heavy sea
4			SE			
5			SE			
6			Drift			
7			11 miles			
8			per hour			
9			hours			
10						
11						
12						
1						
2						
3						
4						
5			up SE			Lat Obs 37° 10'
6			SE			
7			SE			
8						
9						
10						Long by Chron at 9.30 a.m. 57° 08'
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	36	12	34	36 52	37° 10'		48	59° 21'	

Brig *Pericles* from *Salem* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		Hy 6	SWW	3	Friday Dec 2 nd 1835 Came with hard gales and cloudy weather.
2	3					
3	3					
4	3					
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				Middle part hard gales and
10	2	1				squally at 3 A.M. had too much
11	2	1				a close reefed main top sail
12	2	1				
1	2	1				
2	2	1				
3	2	1				Continued the same
4			Hy 6	SWW	3	
5			Hy 6	SWW	3	
6			Hy 6	SWW	3	
7			Hy 6	SWW	3	
8			Hy 6	SWW	3	
9			Hy 6	SWW	3	
10			Hy 6	SWW	3	
11			Hy 6	SWW	3	
12			Hy 6	SWW	3	

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
157 E	51	28	43	36 42	36 47		54	58 25	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			Hy 6	SWW	3	1 st Tuesday Dec 3 rd 1835 Came blowing a gale. Laying too much. Close reefed main top sail
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
128 E	57	30	27	35 57		74 W.	34	57 59	

Brig *Antelope* from *Delaware* towards *Engelmann*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		Fly 6 North	S.W.		Begins with moderate breeze and squalls of rain
2	3					
3	4					
4	5					
5	5					
6	5					
7	5		Fly 6 North	S.W.		Middle part the same.
8	5					
9	5	1				
10	5	1				
11	5					
12	5					
1	3	1	Fly 6 North	S.W.		The last part pleasant sent up J. Gallant masts and cut the rig out of the main topsail
2	3	1				
3	3	1				
4	3	1				
5	4					
6	4					
7	4		Fly 6 North	S.W.		Lat by Indiff Obs 34° 45'
8	4					
9	4					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
5236	99	1° 31'	34	34° 20'	34° 45'	1/4 N	42	57° 11'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	Fly 6 North	S.W.		Begins moderate breezes and squalls of rain
2	4	1				
3	5					
4	5					
5	5					
6	5					
7	4	1	Fly 6 North	S.W.		Middle part fine weather
8	4	1				
9	4	1				
10	5					
11	5	1				
12	5					
1	5		Fly 6 North	S.W.		The main sent up J. Gallant jacks and made all sail
2	5					
3	5					
4	5					
5	5					
6	5					
7	5		Fly 6 North	S.W.		Lat by Obs 32° 45'
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
5286	130	2° 00'	49	32° 45'	32° 45'	1/4 N	59	56° 12'	

Brig *Pactolus* from *Salem* towards *Cajenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE 67° E	NE		Tuesday Dec 6 th Begins fine breezes and fading clouds at 1 P.M. took in the lower studding at 8 in S. T. M. with the sail
2	5					
3	5					
4	5					
5	5	1	SE 6			
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5		SE 6			Middle part fresh breezes took in S. G. sails Latter part fresh breezes and squally Long by Chrons at 8.30 A.M. 52° 13' West Lat Obs 30° 32'
2	5					
3	5					
4	5					
5	5	1	South East			
6	5					
7	5		SE 6	NE		
8	5					
9	5		SE 6 1/2 E			
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	151	2 20	50	30° 27'	30° 32'		1° 05'	55° 07'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SE 6	NE		Wednesday Dec 7 th 1836 Begins with strong breezes at 4 P.M. single reefed the fore top sail and try sail At 2 A.M. set the M. T. G. sail Gout reefs and set fore top g. all under 11 A.M. spiced a ship standing north Long by Chrons at 9 A.M. 51° 20' Lat Obs 28° 16'
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5					
7	5					
8	5					
9	5					
10	5					
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	151	2 18	61	28° 14'	28° 16'		1° 10'	54° 57'	

Brig *Pactatus* from *Halem* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SPC	ENC		Thursday Dec 5 th 1830
2	5	1				Begins fine breeze and pleasant
3	5	1				Long by Chron at 2 ⁴⁵ P.M. 51° 00'
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				Land equally made and took
12	5	1				in sail occasionally
1	5	1				
2	5	1				
3	5	1	South			No Obs
4	5	1				
5	5	1				
6	5	1				
7	5	1	SPC			
8	5	1				
9	5	1	SPC			
10	5	1				
11	5	1	South SPC			
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SPC	12	2° 04'	22	12			25	57 32	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SPC	ENC		Friday Dec 6 th 1830
2	5	1				Continues fine breeze and pleasant weather
3	5	1				
4	5	1				
5	5	1	SPC	ENC		
6	5	1				
7	5	1				
8	5	1				
9	5	1	SPC	ENC		
10	5	1				
11	5	1				
12	5	1				
1	5	1	SPC	ENC		
2	5	1				
3	5	1				
4	5	1				Long by Chron at 8 A.M. 58° 51'
5	5	1				
6	5	1				
7	5	1	SPC	ENC		
8	5	1				
9	5	1	SPC	ENC		
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SPC	11	1° 49'	15	24 33	24 30		17	54 40	

Drig. ... from ... towards ...

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	/	169 6	6ly 9		15th Dec 1830
2	2	/				Begins moderate and pleasant
3	2	/				under the foretop sail
4	2	/				and a new one
5	1	7				by Chron. at 4 PM 50 35
6						
7						
8						
9	1	1	169 41			Middle and latter part light
10	1	1				huffing air and calm at times
11						
12						
1						
2						
3	1		169 9			Lat. 40 23 51
4	1					
5	1					
6	1					
7	2					
8	2					
9	2					
10	1		169 41			
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
169 6	30	28	11	24 02	23 54		12	54 28	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						16th Dec 1830
2						Begins Calm
3						
4						by Chron. at 4.15 Am 50 29
5						
6						
7						
8						
9						Middle and latter part moderate
10						and pleasant
11						
12						
1						
2	1		169 34			
3	1					
4	1					Lat. 40 23 32
5	1					
6	1					
7	2					
8	2					
9	2		169 34			
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
169 6	10. 12	10	23 41	23 32		11	54 12		

Dray Articles from *Valencia* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		P.C.	P.C.		Begin with a light breeze from S.W. and gradually freshened
2	2					
3	2					
4	1	1				
5	1	1				Inconstant and variable wind with distant thunder light rain and some rain
6	1					
7			calm			
8						
9						
10	2		P.C.			
11	2		P.C.			
12	2					
1	1	1				
2	1	1				
3	1	1	P.C.			Lat by Indib 23 05
4	3					
5	3		P.C.			
6	2					
7	2					
8	2					
9	1					
10	1					
11			calm			
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
P.C. L	29	22	15	23° 10	23° 05		20	53 53	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Sight in lining to calm
2						
3						
4						
5	1		P.C.	P.C.		wind from the S.W. direction
6	1					
7	3		P.C.			
8	3					
9	2		P.C.			
10	2					
11	2	1	P.C.			
12	2	1				
1	2	1	P.C.			
2	2	1				
3	3		P.C.			Lat 22 22
4	3					
5	3		P.C.			
6	3					
7	3					
8	2		P.C.	P.C.		
9	2		P.C.			
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
P.C. L	45	28	24	22° 17	22° 22		25	53 31	

Re lates. from Salem towards Cape

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		by 6	12.17		Wednesday Dec. 14 #183
2	3					Healed and placed at
3	3					Long by Chron. at 3 P.M. 48.24
4	3					Long by Chron. at 2.30 49.53
5	2	1				Inden. over 5. 30 subtraction
6	2	1				7 A.M. at Salem, Ind.ails
7	2	1				
8	2	1				
9	3					
10	3	1				Long by Chron. at 9 A.M. 48.39
11	3	1				
12	3	1				
1	3	1				
2	3	1				
3	3	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1		North		
8	4	1				Lat (to 20.53
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
112 E	90	1°28'	18	20°54'	20°53'		19	53'12"	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		South	6 N 2		Thurs. Dec. 15 #2
2	3					Beginn brisk breezes and pleasant
3	3					at 1.10 P.M. in 1/2 a part on
4	3					part
5	3					Long by Chron. at 2.40 P.M. 48.34
6	3					Long by Chron. at 2.50 P.M. 49.21
7	3					all hands employed mending
8	3					the old fore-top sail
9	3					
10	3					
11	3					
12	3					
1	3			by 5		
2	3					
3	3					Long by Chron. at 8 A.M. 48.26
4	3					Lat (to 18.25
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	158	2°38'		18°15'	18°25'			55'19"	

Log. taken from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		South	SE		Friday Dec 16th
2	2					Good steady breezes and pleasant
3	2					all hands employed repairing
4	2					the boats
5	2					
6	2					
7	2					
8	2					
9	2	1				
10	2	1				
11	2					
12	2					
1	5	1				
2	2					Long by Chron at 8 AM 48.30
3	5					Lat Obs 15.41
4	5	1				
5	5					
6	2	1				
7	2					
8	2					
9	5	1				
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	150	2° 40'		15° 45'	15° 45'			53° 19'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		South	SE		Saturday Dec 17th 1836
2	3					all this 24 hours fresh breezes
3	3					and pleasant weather
4	3					
5	2					
6	2	1				
7	2	1				
8	8					
9	8					
10	8					
11	8					
12	8					
1	5	1				Lat Obs 12° 52'
2	5	1				
3	5	1				
4	5	1				
5	5					
6	5					watch top same day 2 1/2 off the wind
7	2	1				
8	2	1				Long by Chron at 8 AM 48.21
9	2	1				Chron at 8.43 AM 20 after going
10	2	1				the altitude no jar can be seen
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	180	3° 00'		12° 48'	12° 52'			53° 19'	

Brig *Rebecca* from *Salem* towards *Capevine*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7	1	South	N.E.		Sunday Dec. 17/30 Begins with fresh breeze 3 PM into gullantail & S. West the coast
2	7	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				Middle and latter part equally 1 AM very a reefed the topsail at 8 AM single reefed the topsail at 9 AM single reefed the topsail starts chrous going
7	8	1				
8	8	1				
9	7	1				
10	7	1				
11	7	1				Following the day to be 48° 50' Green is 1' 41' flow of Greenwich mean time
12	7	1				
1	7	1				
2	8	1				
3	7	1				
4	8	1				Lat 16 9° 55' N
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				Lat 16 9° 55' N
10	7	1				
11	7	1				
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	180	3°	7	9° 52'	9° 55'		48° 50'	48° 50'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7	1	SE	N.E.		Monday Dec 19/30 Begins with fresh breezes and passing clouds at 4 PM let the vessel out of the main top rail and set Main S. Y. sail
2	7	1				
3	7	1				
4	7	1				
5	8	1				
6	8	1				Pleasant during the night
7	8	1				
8	7	1				
9	7	1				
10	7	1				
11	7	1				Lat 16 5° 42' N
12	7	1				
1	7	1				
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	188	3° 08'		6° 47'	6° 42' 56"			48° 50'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		100	10		Tuesday Dec 26 th 1836

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
256	151	2° 51'	15	3° 51'	3° 55'		15	49° 00'	

1	4	Light S.E.	Begins cloudy, no moon
2	4		
3	4	W. str	with heavy showers of rain
4	4		
5	4		
6	4		
7	4		
8	5		Middle part fresh breezes coming, weather
9	4		
10	4		
11	4		at 4 P.M. wind 45 fathoms
12	3		7.30 A.M. set N.E. 11 knots, tidal
1	4		main signal and flying 116
2	4		wind 18 fathoms
3	4		
4	4		
5	4	West	set 45 4° 00, wind 10 fathoms
6	4		no wind in night
7	5		
8	6	West	
9	6		
10	5	N.W. M.N.E.	33 miles north by current in 24 hours
11	5		
12	5		

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. m.	Long. by Ob.
<i>E 78 W</i>	<i>97</i>	<i>23</i>	<i>91</i>	<i>3° 23</i>	<i>4° 00</i>		<i>1° 33</i>	<i>50° 39</i>	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						11/11/11

1	4	in NW N 3/4 E	Begins moderate breeze and part
2	4		clouds running in from 10 to 4
3	4	in NW N.E.	takes at 4 PM. looked to the
4	4		eastward at 5 to NW.
5	4	6 S E	at 6 to the eastward
6	4		
7	4	in NW	
8	4		
9	4	6 S E	Moved to NW. at 5 A.M. to
10	4		the eastward at 8 to NW.
11	4	in NW	at 9 A.M. made the land
12	4		Cape Orange bearing NW 20 m
1	4		
2	4		
3	4		
4	4		
5	4		
6	4	East N.E.	Latitude 43°
7	4		
8	4	N.E.	
9	4	in NW	
10	4	N.E.	
11	4	in NW	Moved. Cape Orange bore S.W.
12	4		

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						July 20. Lee 2. S 18 1/2

[illegible][illegible]

Brig *Acetatus* from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Friday July 17 th 1837
2						Begins cloudy with rain
3						increased thick and beat out
4						to sea with the ebb tide
5	5		nmw	NE.		Pilot left at 4.30 P.M. at black
6	5					northward at 5 Cayenne bore
7	4	1				1.811 for calm hope west
8	4	1				at 9 passed the Devils Island
9	5		nmw	NE.		about 3 miles dist
10	5					
11	4					Long by Dr at 9 A.M. 53° 00' Lat 6° 11'
12	4					Chron fast of 4.11 time 2.50"
1	4	1				and its daily rate gaining 10" second
2	4	1				
3	4	1				
4	4	1				
5	5					
6	5					Lat Obs 53° 46' Lat
7	5					
8	5					spit the old bl. and it
9	5					and bent another
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					5.35		H	53° 11'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					Saturday July 18 th 1837
2	5					Begins with fresh breezes and flying
3	5					clouds at 4 P.M. let the sea out of
4	5					the breeze
5	5		nmw	NE.		
6	5	1				
7	5	1	nmw	NE.		Continuous fresh trades and
8	5	1				pleasant weather.
9	6	1				
10	5	1				Allow 20 miles N.W. current
11	5	1				
12	5	1				
1	5	1				Lat Obs 8° 50'
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	6	1				Long by Chron at 9.4 AM 54° 24' Lat
10	6	1				
11	6	1				
12	6	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 27 W	157	2° 14'	58	8° 48'	8° 50'			1° 07' 54" 20'	

Brig Pactolus from *Lazerna* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	DNW			1 Sunday Feb 19 th
2	5	1				Begins with fresh breezes
3	5	1				and hazy weather
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				Middle part fresh breezes
9	5	1				and cloudy look in S. E. of
10	5	1				seal
11	5	1				
12	5	1				
1	5	1				At 6 a.m. set it
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				Lat Obs 10° 45'
7	5	1				
8	5	1	nnw			
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 27 W	128	1° 54'	58	10° 44'	10° 45'		1° 00'	55° 20'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	n.n.w			1 Monday Feb 20 th
2	5	1				Begins with fresh trades
3	5	1				and passing clouds
4	5	1				3 th 6 th 3 rd M. squally cleared up 5 th 6 th 3 rd M.
5	5	1				Mainsail lowered the topsails
6	5	1				on the cap at 5 in S. E. of seal
7	5	1	ply W			and single reefed the fore topsail
8	5	1				peeped a thick standing weather
9	5	1				
10	5	1				
11	5	1				Fresh breezes and pleasant
12	5	1				during the night morning
1	5	1	nnw			found the head of the
2	5	1				fore topsail gone mended it
3	5	1				made all sail
4	5	1				
5	5	1				Long by Chron at 9 a.m. 55° 42'
6	5	1				
7	5	1				
8	5	1				Lat Obs 12° 42'
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22 W	120	1° 51'	46	12° 38'	12° 42'		47	56° 06'	

Brig *Factor* from *Cape* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		N.W.	N.E.		Begins with moderate breeze and pleasant weather all hands employed getting in the anchors and other jobs
2	5					
3	5					
4	5					
5	4	1				
6	4					
7	4	1				
8	3	1				
9	3	1	N.W. by N	N.E. by N		At 11 PM took in main Royal
10	3	1				
11	4	1	N.W.			
12	4	1				
1	4					
2	4					
3	4					
4	4	1				
5	5					Ends with a rain squall no observation
6	5	1				
7	4	1				
8	3	1				
9	3	1				
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 24 W	103	1° 34	42	14° 15			43	55° 47	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	N.W.	N.E.		Begins moderate breeze and pleasant weather
2	3	1				
3	4					
4	3					
5	4					
6	4					
7	3	1				
8	3	1				
9	4	1				Continues pleasant
10	4	1				
11	4	1				
12	5	1				
1	5		N.W.			
2	4	1				
3	4					
4	4	1				
5	5		N.W.			At 11 PM took in main Royal
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 18 W	107	1° 42	33	15° 58	16° 05	3° E	34	57° 21	

Brig Pactola from Cayenne towards Valen

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		n.w. w	6 N E		Thursday Feby 23 rd 1837
2	5					
3	4	1				All these 24 hours, steady breezes
4	4	1				and fine weather
5	4					
6	4	1				
7	4					
8	4					
9	4	1	n.w. w			
10	4	1				
11	5					
12	5					
1	5	1				
2	5	1				
3	5	1				
4	5	1				10 11 AM passed an English Brig
5	5					sailing southward
6	5					
7	5	1				
8	5	1				Long by Chron. 174 th 59 th 03
9	5					
10	4	1				Lat Obs 17° 48' N
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22 th W	115	1° 45'	43	17° 51'	17° 48'		45	58 05	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		n.w. w	6 N E		Friday Feby 24 th 1837
2	4					Begins moderate breezes and
3	4	1				light squalls at 2 PM set
4	4	1				the lower st. sail at 4 took 11 in.
5	4	1				home to 10 o'clock took in st. sail
6	4	1				and 5 G. sail 11 set them
7	4	1	n.w. w			
8	5		n.w. w			
9	5					
10	5	1	n.w. w			
11	5	1				
12	5	1				Lat Obs 19° 39' N
1	5					
2	6	1				
3	6	1				
4	5					Long by Chron. at 8 am 50° 07.
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 27 th W	120	1° 47'	55	19° 35'	19° 39'		58	59° 04	

from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	W. by N	NE		Wednesday July 25 th 1837 At 11 hrs 24 hours moderate improving & calm 3 sail in sight steering westward Long by Chron at 4 P.M. 50° 25'
2	4	1				
3	4					
4	4					
5	4					
6	3	1				
7	4					
8	4					
9	4					
10	3	1				
11	3					
12	3					
1	2	1				Thursday July 26 th 1837 Long by Chron at 10.30
2	2	1				
3	2					
4	2					
5	2					
6	2					
7	2	1				
8	2	1				
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 33 W	72	1°	39	26° 39'	26° 32'		4.5	59° 43'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		N W	NE		Friday July 27 th 1837 Begins light breeze and pleasant weather all hands employed repairing ship at 4 P.M. took in 11 th mast and Mr. T. G. Anderson & 2 others in right arm Long by Chron at 9 ^h 05 a.m. 51° 40' W a Breeze in sight ahead Long at 8.30 a.m. by mean of 3 sights 0 - 62° 05' West allowing index to 5' sun 6.1 40 25 dble Chrons & 60s Long by Chron 51° 15'
2	2					
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1	N W			
8	2	1				
9	3					
10	3					
11	4					
12	3					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 35 W	54	44	31	21 16	21° 25'		38	50° 19'	

Brig *Sactatus* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	NW 1/2	NE.		Monday July 27 th 1833 Cons. moderate and pleasant
2	2	1				
3	2	1				
4	3	1				
5	4					Middle and latter part fresh breezes and pleasant with peppy clouds
6	4					
7	4	1				
8	4	1				
9	4	1				Long by mean of 4 sights at 9 AM Obs 53 12 West Chron 52 53 at same time 19 East obs
10	4	1				
11	4	1				
12	4	1				
1	4					Latt Obs 22 36
2	4					
3	4					
4	4					
5	4	1				
6	4	1				
7	5					
8	5					
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 23 W	103	1° 10'	55	22 37	22° 36'		1° 00'	61° 19'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	NW 1/2	NE.		Tuesday July 28 th 1833 All these 24 hours brisk breezes and pleasant weather
2	4	1				
3	4	1				
4	4	1	nmw	NE.		
5	4	1				At 5 P.M. set main royal and main S. G. studdail
6	4					
7	4	1				
8	5					
9	5	1				set both lower and S. S. mast studdails
10	5	1				
11	5					
12	5					
1	5					Long by Chron at 8 AM 53 46 mean of 3 sights 53 51 10 West obs
2	5			SE		
3	5					
4	5					
5	5			SE		Latt Obs 24 29
6	5					
7	5			SE		
8	5					
9	4	1				
10	4	1				
11	4			SE		
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 23 W	117	1° 48'	45	24 24	22° 36'		50	62° 09'	63° 57' to n

Big Satchels from Capenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		NW	SW		Wednesday March 1st
2	4					Begin moderate breeze and pleasant weather all sail set
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					Middle part moderate and pleasant
9	3					
10	3					
11	4					Long by Chronet 8 a.m. 64° 14'
12	4					Long by Obs at 9 a.m. 54° 21'
1	5					
2	5					
3	5					
4	5					
5	5					
6	4					
7	4			SEW		
8	3					Lat Obs 25° 38'
9	4					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 28 W	100	1° 28'	42'	25° 57'	25° 38'		52'	64° 49'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		WNW	SW		Thursday March 2nd
2	2		NW	WNW		Coms with a light breeze from NW with some rain, under the S. T. sail and sent a net for 3 P.M. were ship with wind hauling N. easterly took in S. T. sail
3	1		WNW	NW		
4	3		NW	WNW		
5	3		NW	WNW		
6	3					
7	3					
8	4					
9	4		WNW			
10	5					Middle and latter part pleasant
11	5					
12	5					
1	4					
2	4					
3	4					Lat Obs 25° 23'
4	4					
5	5					
6	5					
7	5					
8	5					
9	4					
10	4					
11	4		WNW			
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 45 W	90	1° 08'	08'	26° 46'	26° 23'		1° 18'	65° 05'	

Brig *Patulus* from *Pezoma* towards *Lalen*

II.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		NNW	NE		Friday March 30 1837 Corns with brisk breezes and pleasant weather Long by Chron at 3.35 PM 65° 31' N
2	5					
3	5					
4	5					
5	5					
6	5					
7	4					
8	4					
9	4					
10	4					
11	3	/				Midst at 5.5 AM at 2nd L. Lat 26 27 48 Long by Chron at 9 am 65° 34'
1	3	/				
2	3	/				
3	3	/				
4	3	/				
5	2	/				
6	3					
7	3					
8	3	/				
9	3	/				
10	3	/				
11	3	/				
12	3	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 23 W 91	1° 27	32		28° 00	27 48		46	65° 47	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		NNW	East		Saturday March 31 Corns pleasant at 2 PM at the lower studdail Middle part fresh breezes and rising weather took in studdails and main S. of sail at 7 AM. double reefed the topsails at 10 and all reefs and foot. S. Gale and sails Long by Chron at 8 AM 66° 43' West Lat Obs 28° 55'
2	4					
3	4					
4	4			SE		
5	4					
6	3	/		SE		
7	4					
8	4					
9	5		NE			
10	5					
11	5					
12	5					
1	4		NNW	SW		
2	3					
3	3					
4			Calms			
5	3		NW	NE		
6	3		West	North		
7	3					
8	3					
9	3		NE	NE		
10	3					
11	3		NNW	NE		
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 33 W 70	59	38		28° 47	28 55		46	67° 31	

Brig *Fastidious* from *Cape Horn* towards *Tahiti*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	N by N			Sunday March 5 th 1857 Came strong breezes and cloudy weather at 3 P.M. double reefed the topsails
2	5	1				
3	5	1				
4	5	1				
5	5					
6	5		nnw			at 8 wind increasing fresh the mainsail
7	5		nnw			
8	5					
9	5	1	nnw			7 A.M. jibed ship at 7.30. wind continuing westerly down to port and hauled up foresail dearest off + moderate made sail at 8 set Libb and mainsail + single reefed topsails at 10 took a heavy squall from N.W. and till 12 reducing sail hove too under balance stysail Long by Chronet 8 am 57.55. Lat obs 30° 27'
10	5					
11	5	1				
12	5					
1	5					
2	5	1				
3	5		nnw			
4	5					
5	5		nnw			
6	5					
7	5					
8	5	1				
9	5					
10	5					
11	5		S.E.			
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 64 W	113	1° 43'	45	30° 38'	30° 27'		53	68° 24'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Monday March 5 th Begins with a hard gale from Northward lay too under the main and topsails
2			Lay too	North		
3			wh WNW			
4						
5			off W S			
6			drift 2 ms			
7			per hour			
8			Lay way 5 hrs			
9						At 8 A.M. set the close reefed topsails, foresail + J. J. Mast + staysail Long by Chronet 8 am 58.50 Lat obs 29° 38' N
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9	3	1	WNW	WNW	ht	
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 39 W	51	39	32	29° 48'	29° 38'		38	69° 02'	68° 20' Chronet noon

Boat starts from *Cape* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		W N N W	W N W	2	Begins fresh gales and a heavy sea running
2	3					
3	3		W N W	North		
4	3					
5	3					
6	3					
7	2	1	W N W	W N W	6	Middle part more moderate at 11 AM. let one reef out of foretop sail & set the lub.
8	2	1				
9	2	1	W N W	North	1	
10	2	1				
11	3					at 5 AM. let one reef out of each topsail and set main sail
12	3					
1	3					Long by Chron at 8 AM. 69° 33'
2	3					
3	3					
4	3					
5	3					Lat 60 29 58
6	3					
7	3		W N W	W N W	6	
8	3	1				
9	3	1				
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 75 W	74	19	52	29° 57'	29° 18'		35	69° 37'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	N W N W	W N W	2	Come with fresh breezes and pleasant weather a large sea going
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					Middle part pleasant made all sail
8	3					
9	3					
10	3					
11	3					
12	3					
1	3		N W N W	W N W	6	Long by Chron at 8 AM. 70° 53'
2	3					
3	3		W N W	W N W		
4	3	1				
5	3	1				Lat 60 30 58
6	3					
7	3					
8	3					
9	3	1	W N W	W N W	6	
10	3	1				
11	3		W N W	W N W		
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 45 W	75	53	53	30° 57'	30° 58'		61	70° 38'	

Brig *Pactolus* from *Cayenne* towards *Valen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		WNW	116		Begins with light breeze and pleasant weather
2	2					
3	2					
4	2					
5	2					
6	2					
7	1	1	W			Middle in latter part cloudy at 8 AM set the S. S. Mast studdail
8	1					
9	2		WNW	116		
10	2					
11	2					
12	2					
1	2					Setting in of Obs 31° 39' North
2	2					
3	2					
4	2					
5	2					
6	2					
7	3					
8	3					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
WNW	50	50	01	31° 45'	31° 39'			6 20 44	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		WNW	116		Begins with light breeze and cloudy weather during rain
2	2					
3	2					
4	2					
5	2	1				
6	2	1				
7	2	1				Long by Chron. at 4 PM 11° 25'
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	2					Lat Obs 32° 38'
2	2					
3	2					
4	2					
5	3					
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
WNW	63	1° 02'	128	2° 41'	32° 38'			14 20 30	

Brig Pactoles from Cayenne towards Sals...

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE	SE		Begins moderate and cloudy
2	4					at 4 P.M. equally the wind
3	4					veering northward took in all
4	4					wind at 5 P.M. at the sea
5	1		SE	SE		main top sail reefed spencers
6	1					at 4 M at the reefed foresail
7	1					
8	1					
9	1		SE	SE		Middle part light airs and
10	1					smaller with lightning
11	1					
12	1					
1	1					from 4 to 5 A.M. at 1/2 main sail
2	1					and top sail
3	1					
4	1					Long by Chron at 8 A.M. 71° 42' W
5	1					
6	1					
7	2		SE	SE		Lat 11° 33' 12" North
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 42 W	38	27	24	33° 05'	33° 12'		29	71° 09'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE	SE		Begins with fresh gales and
2	2					a heavy sea running
3	2					
4	2					
5	2					
6	2					
7	2		SE	SE		rather part moderate and pleasant
8	2					made all sail
9	2					
10	2					Long by Chron at 8 A.M. 72° 21'
11	2					Lat at 11. 73° 48'
12	2					1. 27 Sun High
1	2		SE	SE		
2	2					
3	2					
4	2					
5	2		SE	SE		
6	2					Lat 11° 33' 47"
7	2					
8	3					
9	4		SE	SE		
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 34 W	54	40	30	33° 58'	33° 47'		36	71° 45'	

Brig *Isidoro* from *Lazerna* towards *Salern*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		by E	E. A.		Monday March 13 th
2	4					Begin with moderate breezes
3	4		by E			and passing clouds all day
4	4					sail set
5	3					
6	3					
7	3					
8	3	1		S. E.		Middle part moderate and
9	3	1				cloudy
10	4					
11	4					
12	4					10 AM water warm probably in stream
1	4					
2	4	1		S. E.		
3	4	1				
4	4					Lat Obs 35° 42'
5	4					
6	4					
7	4	1				
8	4	1	by E	S. E.		Long by Chron 78° 11' 72° 03'
9	5	1				
10	6	1				
11	7					73 49
12	7					37

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	Reduced
W 1/2 E	104	1° 39'	30	35° 26'	35° 42'		37	11° 08'	73° 11'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7		by E	S. by W		Tuesday Mar 14 th 1851
2	7					Fresh breezes and cloudy
3	7					at 4 AM. water under the top sails
4	7					at 6 AM. reefed the fore top sail
5	7					
6	6	1				Middle part fresh gales with some
7	7					rain
8	7					
9	7		by E			at 7 AM. wind hauled to W. N. E.
10	7					clear and moderated set till
11	6	1				8 AM. sail at noon set & reefed
12	6	1				out of each top sail water is
1	6					colder and discolored
2	6					
3	6			S. by E		Lat Obs 38° 10'
4	6					
5	5					
6	5					
7	5					Long by Lunar at noon 73° 06'
8	3					
9	3	1	by E N	W. N. W.		
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 22 E	141	2° 11'	53	37° 53'	38° 10'		1° 06'	70° 02'	

Ship *Factor* from *Cayenne* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		N 8 E	N 4 W	2	<p>Wednesday March 15th</p> <p>Canis with fresh breezes from NW and pleasant</p> <p>Long by Obs at 1 P.M. $23^{\circ} 02' N$</p> <p>Long by Chron at 4 P.M. $20^{\circ} 50'$</p> <p>at 4 P.M. let the reef out of main top sail and set in 5 furl</p> <p>Mid day part fresh breezes and long with squalls of hail & rain</p> <p>At 4 P.M. took in the main sail at 8 P.M.</p> <p>at 8 P.M. were which to Northward</p> <p>No observation</p> <p>By Lunar reduced to noon $21^{\circ} 42'$</p>
2	4					
3	4					
4	4					
5	4		N 8 E	N 4 W		
6	4					
7	4		N 8 W			
8	4					
9	4		East	N 4 W		
10	4					
11	4					
12	4					
1	4					
2	4					
3	1					
4	1					
5	3		N 8 E	N 4 W		
6	3					
7	3		N 8 W			
8	3					
9	3		N 8 W			
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 8 E	68	18	63	$38^{\circ} 28'$			$1^{\circ} 20'$	$68^{\circ} 42'$	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N 8 W	N 8 E		<p>Thursday March 16th</p> <p>Begins moderate breezes and pleasant weather with rain at 8 P.M. tacked to the Eastward</p> <p>Sett by the moon at 8 P.M. $39^{\circ} 1' N$</p> <p>at 12 Sett by Solar $39^{\circ} 05'$</p> <p>Long by Chron at 8 P.M. $69^{\circ} 28'$</p> <p>by Lunar reduced $71^{\circ} 28'$</p> <p>Sett Obs $39^{\circ} 10'$</p>
2	3					
3	3		N 8 W	N 8 E		
4	3					
5	3		N 8 W			
6	3					
7	3					
8	3					
9	3		N 8 W			
10	3					
11	3					
12	3					
1	3		N 8 E			
2	3					
3	1					
4	1					
5	1		East			
6	1					
7	1					
8	1					
9	1		N 8 W	N 8 E		
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 8 E	42	13	40	$38^{\circ} 41'$	$39^{\circ} 10'$		51	$67^{\circ} 51'$	

Brig Pectolus from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SW	North		Friday March 17 th 18 th
2	5					Come with strong breezes from
3	5					NNW and clear weather
4	4	1				Long by Chronom at 4 P.M. -
5	3	1				- 58° 51' 20"
6	2	1				Reduced 0 51 account from 64
7	2	1	SW			
8	2	1				
9	4		SW			
10	4					Middle part moderate and
11	4					pleasant out all reefs and
12	4					set 5 sails
1	3	1	East			Lat by N stars at 12 39° 32'
2	3	1				Long by Ch. at 8 am 57° 45'
3	3					2 00
4	2					Lat 45 39° 38' 59" 48' Reduced
5	2					
6	1					
7			Calm			
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 178	59	23	54	39° 33'	39° 38'	5W	1° 08'	68	68 59

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Saturday March 18 th
2						Calm at 4 P.M. took
3						a line from the eastward
4						about on the starboard
5						track, long by Chron at 4 P.M.
6						53° 52'
7	1		NE	SW		
8	1					
9			Calm			
10						Lat by N stars at 4 am 39° 51'
11						
12						at 8 A.M. spoke a line which from
1	1		North	South		W York his longitude 70° 00' West
2	1					
3	1					Long by Ch. 58° 21'
4	3					2 00
5	2					- 70° 21' derived from this
6	2					
7	2					Lat to 40° 20'
8	3					
9	5	1	NE	SW		at noon sounded 48 fathoms fine
10	5	1	NE	SW		black & W sand
11	5	1	NE	SW		
12	5	1	NE	SW		

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
			8		40° 20'			10 69 50	by soundings

69. 33.

Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6	1	NE	SW		Sunday March 19th 1832
2	6	1				Came with good breezes and
3	5		SE			thick hazy weather
4	5					Long by Chronat 4 AM
5						was 87 35 - 45' of day in 8 AM
6						was long 59' 15' West
7						Lat 41' 39" Long 88' by account
8						at 4 AM. At 10 AM. the
9						the water level was in 1/2 fath
10						were high & stood at 1 fath
11						above the water to 1 fath
12						low too, heading to 1 fath
1						at 10 AM. heading to 1 fath
2						was high & stood at 1 fath
3						was high & stood at 1 fath
4						Lat 41' 35" Long 88'
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					41° 30'				

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		11 1/2	W 1/2 S	1/2	Monday March 29 th
2	4		11 1/2	W 1/2 S	1/2	Corn with hard gales
3	4		11 1/2	W 1/2 S	1/2	and clear weather standing
4	4		11 1/2	W 1/2 S	1/2	1000 fathoms in 18 in 9 am
5	3					20 fms at 8 in 45 fms, gray
6	3					coarse yellow sand
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	2		10 1/2	W 1/2 S	1/2	Lat 42° 15'
2	2		10 1/2	W 1/2 S	1/2	
3	2		10 1/2	W 1/2 S	1/2	
4	2		10 1/2	W 1/2 S	1/2	
5	2		10 1/2	W 1/2 S	1/2	
6	2		10 1/2	W 1/2 S	1/2	
7	2		10 1/2	W 1/2 S	1/2	
8	2		10 1/2	W 1/2 S	1/2	
9	2		10 1/2	W 1/2 S	1/2	
10	2		10 1/2	W 1/2 S	1/2	
11	2		10 1/2	W 1/2 S	1/2	
12	2		10 1/2	W 1/2 S	1/2	

[illegible]

Aug 24 - 1865 from Cayenne towards St. Leon.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3					Tuesday March 21
2	3					Begin with moderate breeze
3	3					and cloudy weather
4	3					
5	4					at 5 PM saw a number
6	4					of fishing vessels to the
7	4					Northward.
8	4					
9	3					at 12 looked to the
10	3					
11	3					
12	3					
1	3					
2	2					at 1 PM to 4 P.M.
3	2					
4	2					
5	2					Left by suns position
6	2					at 42° 25'
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 15 W	28	8	22	42° 28'	42° 21'		36	59° 16'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

[illegible]

Pastoties from Portland towards Matanzas

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Friday April 21st 1837</i>
2						<i>Wind pleasant at 4 P.M. got</i>
3						<i>under weigh and proceeded to sea</i>
4						<i>at 5 Cape Elizabeth bore 144 miles</i>
5						
6						<i>middle part light airs</i>
7	3		<i>S by E</i>	<i>W by N</i>		
8	1					
9	1					
10	1		<i>calm</i>			<i>at 8 A.M. Portland 14 hours</i>
11	1					<i>18 miles</i>
12	1		<i>E by E</i>	<i>variable</i>		
1	1		<i>S by E</i>			<i>Agametes hills in sight</i>
2	1		<i>S by E</i>			
3	1		<i>S by E</i>			
4	1		<i>S by E</i>			
5	1		<i>S by E</i>	<i>light</i>		
6	2					
7	2					
8	2					
9	2					
10	2					<i>Lat Obs 42° 5' N</i>
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		<i>SW</i>	<i>SSE</i>		<i>Saturday April 22nd</i>
2	2					<i>Wind moderate and cloudy</i>
3	2		<i>W by S</i>	<i>variable</i>		
4	2					<i>at 4 P.M. Agametes bore</i>
5	2	1	<i>SSE</i>			<i>N.W. N Cape in view N.E.W.</i>
6	2	1	<i>SSE</i>	<i>W by N</i>		<i>Making Lat 42.50 Long 20° 08'</i>
7	3					
8	3	1				<i>Long by Chron. at 4 P.M. 6950</i>
9	3	1				
10	4					
11	4					
12	4					
1	4					<i>Long by Chron. at 8 40 A.M.</i>
2	4					<i>68.54.</i>
3	4					
4	4					<i>Lat Obs 41° 34'</i>
5	4					
6	4					
7	4					
8	5					
9	5					
10	4	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>S 17 E</i>	<i>80</i>	<i>1° 16'</i>	<i>23</i>	<i>41° 34'</i>	<i>41° 34'</i>	<i>S.W.</i>	<i>31</i>	<i>69° 37'</i>	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3					Time lay April 22 nd 18
2	2					
3	2					
4	2					
5	3					
6	4					
7	3	/				
8	4	/				
9	5					
10	6					
11	5	/				
12	5	/				
1	4	/				
2	5					
3	4					
4	3					
5	4					
6	4	/				
7	4	/				
8	3	/				
9	3					
10	3					
11	2					
12	1					

all this day moderate variable

Lat Obs 39° 50' North

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		Slyke	W		Monday April 24th
2	2					Leave with light breeze and
3	3					clear weather all sail set
4	4		South	W		at 4 P.M. spoke Brig Cerberus
5	5		Slyke			of & for Salem Middle part the
6	6					weather at 7 P.M. in studsails T
7	7			ENE		and double reefed the topsails
8	8					took in tiller and mainsail
9	9					blowing a hard gale with thunder
10	10					lightning & rain took in Fore
11	11		Swing	East		run under fore sail and close
12	12					reefed main topsail at 2 a.m.
1	1		Wyn			Fore sail 2 ^d braced to and
2	2					lay on the beam end under
3	3					bare poles at 3 cut away T
4	4		West	N.B.		Above over about 5 thousand ft
5	5					some shocks & heaving 1 gun
6	6					by anchor (boat adrift with
7	7			N.B.		200 lbs junk & water cask 1 1/2 ft
8	8					box lanyards & vessel right
9	9					leaking badly one pump choked
10	10					
11	11					
12	12					

1641

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Monday April 25 th 1827

[illegible][illegible]

Brig Pa states from Portland towards Matanzas

M.	K.	H. R.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	light		
2	5					Come with fresh breeze and
3	5					fine weather
4	5					
5	5		SE			
6	5					
7	4					
8	4					
9	3		SE			
10	2					
11	3					Middle state part moderate
12	5					and pleasant
1	5					
2	5					
3	5					got up a fair topmast
4	5					
5	3					
6	2					
7	2					
8	2					
9	3		SE			
10	3					Lat Obs 35° 05' North
11	4					
12	4					

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

M.	K.	H. R.	Courses.	Winds.	Lee.	Remarks.
1	4		SE	light		
2	4					Come with fresh breeze and
3	4					clear weather
4	4					
5	4		SE	W		
6	4					Long by Chron. 4 3m 55° 01' N
7	4					
8	4		SE	W		
9	4					
10	4					
11	2					
12	2					
1	3					Middle and latter part moderate
2	3					and hazy
3	3					
4	3					
5	3					
6	4					
7	4					
8	2					Lat Obs 34° 01' North
9	2					
10	3					
11	1					
12	1					

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1		.	1st	ESB		1st April 1942, 8.37

[illegible][illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Monday May 1 st

	Corno moderato and piano
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
1	
2	
3	
4	
5	
6	
7	cory Geron A.H.M. 69° 32'
8	
9	
10	L.H.O. 32' 08"
11	
12	

[illegible]

H.	K.	P. K.	Courses.	Winds.	Lee.	Remarks.
						Tuesday May 7 th

Latter part brisk breeze from
 N. E. and pleasant weather
 at Harbor St. Paul & M. J. G. sail
 Long by Chron at 8 A. M.
 69.55
 Lat obs $29^{\circ} 30'$
 at 6 A. M. S 57 W Dist 442 miles

[illegible]

Bay of ... from ... towards ...						
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday May 3

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday May 3
2						Brisk breeze and pleasant weather all day sailing
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						Long by Chron at 8. 40 A.M.
2						11 58
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
						Lat 45 27 55

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					27 5				

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		1. E.	211		Thurs day May 1
2	1					
3	1					Moderate breeze and
4	1		2. E. 6.50			pleasant weather
5	1		4.6.10			great sea, squally
6	1			7.4.0		at 6.30 AM. 11.11
7	1					
8	1					at 7.30 AM. 12.11
9	1		10.7.6			at 10.30 AM. 1.11
10	1					at 11.30 AM. 2.11
11	1		1. E.	2.4.0		at 12.30 PM. 3.11
12	1					at 1.30 PM. 4.11
1	1		2.6.10			at 2.30 PM. 5.11
2	1					at 3.30 PM. 6.11
3	1		3.6.10			at 4.30 PM. 7.11
4	1					at 5.30 PM. 8.11
5	1		4.6.10			at 6.30 PM. 9.11
6	1					at 7.30 PM. 10.11
7	1		5.6.10			at 8.30 PM. 11.11
8	1					at 9.30 PM. 12.11
9	1		6.6.10			at 10.30 PM. 1.12
10	1					at 11.30 PM. 2.12
11	1		7.6.10			at 12.30 AM. 3.12
12	1					at 1.30 AM. 4.12

[illegible]

Big Factor from

Portland towards Matanzas

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Friday April 4 th
2						
3						
4						Long by Chron at 4 am.
5						73° 26'
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						Long by Chron at 8 am.
5						73° 40'
6						
7						
8						
9						
10						Lat 28° 04'
11						
12						

[illegible]

1.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5.		Pluvial			12 th May 5 th 1832
2	5					
3	4					
4	4					Long by Chron at 3 rd P.M.
5	4					75.08 West
6	4					
7	4					
8	4					
9	4					
10	4		1	West		
11	4		1			
12	4					
1	5					
2	5					Long by Chron at 8 th in 75 th
3	5					
4	5					aty. Made the Capitation rocky
5	5					by the Cape of Good Hope
6	5					at 11 th No 25 13 the Don a win
7	4					to southward
8	4					
9	4					
10						
11						
12						

[illegible]

Buy tickets from

Portland towards

Al. t. carinatus

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Summary May 5 th
2						Left link between and passed
3						from 4 to 5 PM. made
4						the flag in the evening 4 PM
5						at 7 PM. bore north the steered
6						steered N. by E. 25 miles. N. & N. 25
7						
8						
9						
10						at 8 AM. made 1 turn. by
11						bearing S. E. 12 miles dist
12						going south they stood S. W. till
1						10 AM. turned south to the
2						eastward till noon. turned
3						key for south 5 miles dist
4						
5						Long by Chron. near the
6						by 5 miles dist. S. E.
7						12 32 true son of ship
8						
9						31. by, to far East
10						Lat 25° 57'
11						
12						

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Monday May 3 rd
2						Com light & small wind
3	2		SW	East		variable at 4. 4. 4. at 4
4	2	1				one 1/2 6 miles at 8 AM
5	2	1				8 AM 10 miles steered from
6	2	1		SE.		5 AM SW 33 miles with
7	3					not less than 2 1/2 faths generally
8	3	1				2 1/2 to 3 faths
9	4					
10	4					hazy during the night a little
11	3					lightning & heavy water from
12	3					letting, part light wind from
1	3					the westward and calm
2	3					found the current setting SE.
3	3					about 2 knots
4	3					
5	2					Song by Chirrup at 8 AM. 78° 55' N
6	2					10 miles from Reding rocks but
7	2					would not see them
8	2					
9	1		South			Lat Obs 25° 13' N 3 faths water
10	1					
11	1					2 ships or 3 or 4 passing over on the
12	1					course nearly

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Clear day May 8 th

[illegible]

1 Pleasant weather at 7.30 P.M.
2
3
4
5
6
7
8
9
10
11
12
1
2
3
4
5
6
7
8
9
10
11
12

[illegible]

towards

[illegible]

Big Pictou from Matanzas towards Salem

II.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						At 4 I forgot my glasses away
2						and proceeded on my way
3						at 7:00 PM I arrived at the house.
4						At 8:00 PM I went to bed.
5						At 9:00 PM I went to bed.
6						At 10:00 PM I went to bed.
7						At 11:00 PM I went to bed.
8						At 12:00 PM I went to bed.
9						At 1:00 PM I went to bed.
10						At 2:00 PM I went to bed.
11						At 3:00 PM I went to bed.
12						At 4:00 PM I went to bed.
1						At 5:00 PM I went to bed.
2						At 6:00 PM I went to bed.
3						At 7:00 PM I went to bed.
4						At 8:00 PM I went to bed.
5						At 9:00 PM I went to bed.
6						At 10:00 PM I went to bed.
7						At 11:00 PM I went to bed.
8						At 12:00 PM I went to bed.
9						At 1:00 PM I went to bed.
10						At 2:00 PM I went to bed.
11						At 3:00 PM I went to bed.
12						At 4:00 PM I went to bed.

Course.	Pist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				.				.	

11.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3					Vindicy June 1st
2	3					
3	3			W 3/4 N		Turns moderate breezes
4	4					in pleasant beating
5	4		W 1/4 N			in sight of Cuba
6	5					at 5 P.M. tacked northward
7	5					at 10 saw light upon the
8	5					Florida shore tacked ship
9	5		N 3/4 E			at 9 A.M. tacked north
10	6		N 3/4 E			
11	7		N 3/4 E			
12	3					
1	2	1				
2	2	1				Lat 24° 10'
3	2		N 3/4 W			
4	2					
5	2	1	N 3/4 E			
6	2	1				
7	2	1				
8	2	1				
9	2	1	N 3/4 W			Log
10	2	1				
11	2	1				
12	2	1				

[illegible]

Brig Pactoles from Matanzas towards Valera

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	NNE	NE		Monday June 5th 1833 All these 24 hours moderate pleasant at 1 P.M. to 4 P.M. to the eastward of made the double head shot less bearing on 4 hours at 4 P.M. 80° 50' 6 P.M. tact ship to northward
2	2	1	ENE			
3	2	1				
4	2	1	ENE			
5	4	1	S.E.	NE		
6	4					
7	3					
8	3		ENE			
9	5	1	ENE			
10	6	1				
11	8	1	NE E	SE		
12	8	1				
1	3					Longitude Chron at 11 A.M. 79° 44' Lat 24° 46'
2	1					
3						
4			Calm			
5						
6	1		ENE			
7	1					
8	1					
9	1					
10	1					
11	1					
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					24 46			79 31	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1		1	S.E.	ENE		Tuesday June 5th 1833. All these 24 hours moderate breeze and pleasant weather at 1 P.M. to 4 P.M. to the northward
2		1	NE			
3		1				
4		1				
5	1		NE	ENE		
6	1					
7	2		NE			
8	2					
9	2					
10	2					
11	3					
12	3					
1	4	1	ENE			Lat 26° 24' Long by Chron 79° 12' 48 North by Current
2	4	1				
3	5					
4	5					
5	5		NE			
6	3					
7	3					
8	3					
9	2	1	ENE			
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
	50	50			26 24				

14 46
79 31
14 46
79 31

Brig *Pectolus* from *Matanzas* towards *Talen*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					<i>Sunday June 11th</i>
2	1					at 10 AM were ship and how
3	1					too far as close as
4	1					main to wind
5	1					2 miles per hour
6	1					up 8 AM
7	1					off 8 AM
8	1					at 7 AM were ship to north
9						
10						Long 4 Chron at 9 AM
11						17° 26'
12						
1						Lat Obs 31° 30'
2						
3						
4						
5						
6						
7						
8						now W 3 mts 1/2 m out to sea and
9						fore and
10						
11						Lat.
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					31° 30'				

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1					<i>Monday June 12th</i>
2	1					fresh breeze in morning
3	1					at 8 AM were ship to sea
4	1					
5	1					
6	1					
7	1					at 4 AM were ship to north
8	1					at 4 AM were ship to north
9	1					Long 4 Chron at 8 AM 17° 39'
10	1					
11	1					at 10 AM were ship to north
12	1					at 10 AM were ship to north
1	1					at 10 AM were ship to north
2	1					at 10 AM were ship to north
3	1					at 10 AM were ship to north
4	1					at 10 AM were ship to north
5	1					Lat Obs 32° 39'
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				32° 00'	32° 39'			77° 40'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					Thursday June 13th
2	2					From Port of ...
3	2					at 1 PM ...
4	2					to ...
5	2					to ...
6	2					to ...
7	2					to ...
8	2					to ...
9	2					to ...
10	2					to ...
11	2					to ...
12	2					to ...
1	2					to ...
2	2					to ...
3	2					to ...
4	2					to ...
5	2					to ...
6	2					to ...
7	2					to ...
8	2					to ...
9	2					to ...
10	2					to ...
11	2					to ...
12	2					to ...

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday June 14
2						Running moderate and pleasant
3						
4	2		NE	by N		Long by Chron. at 3.30 PM
5	4		NE			75.20
6	4		NE			
7	3					
8	3					
9	4					Mixing at night rain.
10	4					gale after wind changed
11	3			SW		to SW.
12	3					
1	3			SW		
2	3					
3	2					
4	2			South		Lat 00 34' 45"
5	3					
6	3					
7	2					
8	1					Long by Chron. at 5.17 PM 75.03
9	1					
10	1					
11	1					
12						

[illegible]

Stalder

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	/	/				Thursday June 15 th
2	2	/				
3	3					Light breeze and pleasant
4	4					
5	5					Long by 8 hours at 4 P.M.
6	6					74.37
7	7					
8	8					
9	9					
10	10					
11	11					
12	12					
1	1					
2	2					
3	3					
4	4					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					
11	11					
12	12					

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	1st	3000		Line with light houses and
2	1					run on sea down, on other
3	5		6th			
4	1				30	at 3 P.M. 3 points down
5			4th			up to 4 points in 11th
6	3					main sail down when the
7	4					fire 4, 0 down and the
8	4					foremast
9	4					
10	3					15 more minutes at 4 P.M.
11	3					main sail single reefed to top
12	3				10	
1	5		1st			Midst back to starboard
2	6					
3	5					at 5 A.M. to the 1st starboard
4	6					
5	5	1	1st			by Chronometer 9 A.M.
6	5	1				11.08
7	4					
8	4	1				
9	3		1st			
10	3					1st to 37 14
11	3					
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					37 1/4				

from *Porto Rico* towards *Valencia*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	N.W. by N.			Lat. by Log 17° 10'
2	2	1				Course correct and pleasant
3	2	1				all sail set by the wind
4	2	1				
5						
6						arrived at 4 P.M.
7						58
8						
9						
10						
11						
12						
1						
2						
3	2	1	N.W. by N.			
4	2	1				
5	2	1				
6	2	1				Lat. 17° 38' 45"
7	2	1				
8	2	1				
9	2	1				Current set at the
10	2	1				rate of 2 miles to the west 14 hours
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	N.W. by N.			Lat. by Log 17° 10'
2	2	1				begin calm
3	2	1				
4	2	1	N.W. by N.			Long by Chron. at 2 P.M. 17° 38' 45"
5	2	1				58 at 5 P.M.
6	2	1				
7	2	1				
8	2	1				
9	2	1	N.W. by N.			begin calm
10	2	1				the night
11	2	1	N.E.			
12	2	1				
1	2	1	N.W. by N.			Wind & cloudy at 10 P.M.
2	2	1				
3	2	1	N.W. by N.			
4	2	1				
5	2	1	N.W. by N.			
6	2	1				
7	2	1	N.W. by N.			
8	2	1				
9	2	1	N.W. by N.			
10	2	1				
11	2	1	N.W. by N.			
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N.W. by N.	80	12	58	39° 37'			121	58° 42'	

Brig. Paetolus from Valen towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SE	SW	1	Friday July 21 st 1783
2	5					Come with brisk breezes
3	5					and fair weather
4	5					at 8 P.M. double reefed
5	5					the top sails at 10 out on reef
6	4					
7	4		SE			
8	4					Middle part fresh breezes
9	5					and fair
10	5		SE			
11	4					Morning out all reefs
12	4					at 1 P.M. Hauled T. S. Main
1	4		SE			and lower studdails
2	4					
3	3					
4	3					
5	3					
6	3		SE	WSW		Lat 41° 46'
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	85	44	73	41° 45'	41° 44'		1° 37'	64° 40'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SE	SW		Saturday July 22 nd
2	5					Come with light breezes and
3	6					clear weather at 1 P.M. a thick
4	6					fog set in
5	6					
6	6					
7	6					
8	6			WSW		
9	6					Middle part brisk breeze
10	5					and clear weather
11	5					
12	5					at 3 A.M. set lower studdail
1	5					
2	4					at 5 A.M. sent up main, Royal
3	4					yard and set the sail
4	4			WSW		
5	3					Long by Chron at 9 A.M. 62° 22'
6	3					Lat 40° 46'
7	3					
8	3					
9	3			WSW		
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	110	1° 31'	61	40° 43'	40° 06'		1° 20'	63° 20'	

Brig Pictalus from Valera towards Cageme

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	S.E.	W.M.		Monday July 23 1857
2	3	1	S.E.	W.M.		Came with light breeze and
3	4	1	S.E.	W.M.		pleasant weather at 9 P.M. took
4	5	1	S.E.	W.M.		in the standards and placed
5	6	1	S.E.	W.M.		up the yard
6	7	1	S.E.	W.M.		
7	8	1	S.E.	W.M.		
8	9	1	S.E.	W.M.		
9	10	1	S.E.	W.M.		Middle part fine breeze and
10	11	1	S.E.	W.M.		pleasant weather at main
11	12	1	S.E.	W.M.		Royal and Main S. of standard
1	2	1	S.E.	W.M.		
2	3	1	S.E.	W.M.		
3	4	1	S.E.	W.M.		Came with moderate breeze
4	5	1	S.E.	W.M.		and pleasant weather
5	6	1	S.E.	W.M.		
6	7	1	S.E.	W.M.		
7	8	1	S.E.	W.M.		Long by Chron. at 9 A.M. 50' 00"
8	9	1	S.E.	W.M.		at 4 P.M. 38' 30"
9	10	1	S.E.	W.M.		
10	11	1	S.E.	W.M.		
11	12	1	S.E.	W.M.		

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 41 E	132	1° 12'	67	38° 49'	38° 30'		1° 25'	1° 25'	51' 55"

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	S.E.	N.W.		Tuesday July 24 1857
2	3	1	S.E.	N.W.		Came with light breeze and
3	4	1	S.E.	N.W.		pleasant weather
4	5	1	S.E.	N.W.		
5	6	1	S.E.	N.W.		
6	7	1	S.E.	N.W.		
7	8	1	S.E.	N.W.		
8	9	1	S.E.	N.W.		Middle part moderate and
9	10	1	S.E.	N.W.		cloudy with rain in main
10	11	1	S.E.	N.W.		Royal and flying lib.
11	12	1	S.E.	N.W.		
1	2	1	S.E.	N.W.		End cloudy
2	3	1	S.E.	N.W.		
3	4	1	S.E.	N.W.		
4	5	1	S.E.	N.W.		
5	6	1	S.E.	N.W.		
6	7	1	S.E.	N.W.		
7	8	1	S.E.	N.W.		
8	9	1	S.E.	N.W.		
9	10	1	S.E.	N.W.		
10	11	1	S.E.	N.W.		Long at deduct to Chron. 58' 50"
11	12	1	S.E.	N.W.		

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 56 E	54	32	43	37° 58'			48'	61° 07'	

Brig *Haitalus* from *Talen* towards *Gazenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	SSE	SE		Tuesday July 25 th 1853 Came with brisk breezes and sailing weather took in the Flying Lbc at 2 P.M. in F.G. sails and single reefed the topsails at 7 equally double reefed the topsails and bysail.
2	5	1				
3	6					
4	6					
5	4					
6	3	1	P.B.			
7	3					
8	3	1				
9	4	1				
10	5	1	S.S.E.			
11	5					Wednesday July 26 th Middle part fair breezes and cloudy at 1 A.M. let the reef out of the topsails at 10 set F.G. sails - flying Long by Chron at 9.10 A.M. 55° 45' Lat Obs 36° 28'
12	5					
1	5					
2	5					
3	5					
4	5					
5	5	1				
6	5	1				
7	6					
8	6					
9	6	1				
10	6	1				
11	6	1				
12	6	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SSE	120	1° 33'	25	36° 25'	36° 28'		1° 33'	59° 26'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6	1	SSE	SE		Wednesday July 26 th Came with brisk breezes and pleasant all drawing sail Middle part brisk breezes and cloudy at 8 A.M. saw a ship standing Eastward
2	6	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	6					
10	6					
11	6					Thursday July 27 th Lat Obs 34° 45' Long by Chron at 9 A.M. 53° 47'
12	6					
1	6					
2	6					
3	6					
4	6					
5	6		P.B.	SE		
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SSE	142	1° 44'	24	34° 42'	34° 45'		1° 55'	57° 31'	

Brig *Patulus* from *Valer* towards *Eugene*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		S.E.	SW		Clear with gentle breeze and pleasant weather
2	3					
3	3					
4	3					
5	3					
6	3					
7	3		S.E.	SW		Middle part moderate breeze and clear weather
8	2					
9	2					
10	3		S.E.	SW		
11	3					
12	3					
1	2		S.E.	SW		Lat 34° 17'
2	2					
3	2					
4	2					
5	3		S.E.			
6	3					
7	3					
8	3					
9	3		S.E.	SW		Long at 9 AM 50° 35'
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S.E.	74	60	62	34° 05'	34° 17'		1° 16'	50° 15'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		S.E.	SW		Clear with light breeze and pleasant weather, at 6 PM tacked ship to the S.W.
2	3					
3	2					
4	2					
5	2		S.E.			
6	2					
7	2		S.W.			at 10 squally appearances in main body & flying hills
8	2					
9	2					
10	2		S.W.	S.E.		Middle part light breeze and variable weather at 1 AM tacked ship to the Eastward at 9 tacked again to the S.W.
11	2					
12	2					
1	2					
2	2					at 10 to the S.E.
3	2					
4	2					Breeze moderate
5	2					
6	3					
7	3					
8	2		S.E.			Lat 33° 50'
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S.E.	33	31	11	33° 40'	33° 50'		13	50° 02'	

Brig *Pacton* from *Salem* towards *Cuzco*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	S. by E	light		Saturday July 29 th Came no deer and pleased all sail set by the wind Long by Chron at 5 PM 51° 00 West from London
2	2					
3	3		S. E			
4	3					
5	3		S. E			
6	3					
7	3		S. E			
8	3					
9	3					
10	3	1				
11	3	1				
12	3	1				
1	2	1	S. E			Latt Ob 53° 36
2	3	1				
3	3	1	S. by E			
4	4	1				
5	3					
6	3					
7	3	1				
8	3	1	S. E			
9	3	1				
10	3					
11	3					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S. by E	78	32	71	33° 18'	33.34		78 26	54° 36'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	S. by E S. W			Sunday July 30 th 1837 Came with brisk breezes and squally at 9 a.m. Tackled S. W. Long by Chron at 9 a.m. 48.9 Latt Ob 33° 16' W. S. W
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3		S. by E			
10	3	1				
11	3	1				
12	3	1				
1	3	1	S. by E			Long by Chron at 9 a.m. 48.9 Latt Ob 33° 16'
2	3	1				
3	4	1				
4	3	1	S. by E South			
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1	W. S. W			
11	3	1				
12	3	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S. by E	30	11	49	33 21	33° 16'		59	53° 37'	

Brig Pictolus from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	Went	WNE		Monday July 31st
2	4	1	SE 6			at 1 P.m. lashed ship to C.
3	4	1	SE 6			at 2 took a squall from
4	3					NW in light sails at
5	2					2.30. made all sail
6	2					at 7 started to the floor.
7	3	1	SE 6			
8	3		W 8 S	SW		
9	3					
10	3					at 5 A.M. started to S.E.
11	3					
12	3		W 8 W	SW		
1	3					
2	3					After part gentle breezes
3	3					and pleasant
4	3					
5	4		W 8 S			
6	3					
7	3					by Chronometer
8	3					49° 38'
9	3	1	SE 6			
10	3	1	SE 6			
11	3	1	SE 6			Lat 32° 55'
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 72 W	70	21 56	32 55	32 55	32 55		1° 17 54 54		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	W 8 W	SW		Tuesday August 1st 1847
2	3	1				Came with gentle breezes and
3	3	1				pleasant weather. at 12 took
4	3	1				ship to the westward at 1 P.m.
5	3					mainly appeared too far
6	3					the main royal and flying
7	4					gill
8	4					
9	4		W 8 W			
10	3					After part fresh breezes
11	3					and pleasant weather
12	3					
1	3					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					Lat 32° 25'
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 56 W	80	48 71	32 07	32 07	32 07		1° 25'		56 19

Brig Octopus from *Palawan* towards *Cebu*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		1 W S W	W S		Wednesday August 30 1857
2	3		1 S S W			Commenced with gentle breeze and pleasant weather at 2 PM tacked with to the S E
3	3					
4	3					
5	3					
6	2					
7	2		2 S S W	W S		Middle part moderate breeze and passing clouds at 5 AM.
8	2					tacked to the Westward
9	2					
10	1					
11	3					
12	3					
1	2					
2	3					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 67 E	22	8	20	3 11	3 11		22	55 57	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		1 S S W	S S W		Thursday August 31 1857
2	3					Commenced with light breeze and pleasant weather.
3	3					
4	3					
5	2					
6	2					
7	2					At 4 PM tacked to the Westward
8	3					at 10 to the eastward
9	3					
10	3		W S W			
11	3		S S W			
12	3					Middle part moderate and baffling
1	3					at 5 AM tacked to the Westward
2	3					at 8 AM in right direction
3	3					
4	3					
5	3		1 S S W	S S W		
6	3		W S W	S S W		
7	3					
8	4					
9	4		W S W			
10	5					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 29 E	30	26	14		3 11		17	55 40	

Prig Packet from *Salem* towards *W. M.*
Prig Packet

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SEB			Begin with fresh breezes and
2	4					sydally
3	4					
4	4					
5	4					
6	4					
7	3		SEB			
8	3					
9	3					At 2 A.M. were ship to SE
10	4					at 5 A.M. equally cleared up
11	4					in F. G. air up main sail
12	4					down top sails were ship to SE
1	4		SEB			at 6.30 made all sail
2	4					at 7 in F. G. air, were ship to
3	4		SWB			at 10 were ship to SE.
4	4					
5	4		SEB			
6	4					
7	4					
8	4					Lat 31.38
9	4					
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEB	110	20	56	31° 31'	31° 38'		1° 06'	54° 38'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SEB			Went with fresh breezes and
2	4					at 8 P.M. tackled to the westward
3	4					
4	3					
5	4		SEB			
6	4					
7	4					
8	4					
9	4		SWB			
10	4					
11	4					
12	4					
1	4					
2	4					Lat 30.41
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					Long of Chron at 8 A.M.
9	4					250° 05'
10	4					
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEB	104	20	30	30° 34'	30° 41'		23° 59'		

Brigadeiros from Valera towards Puzos

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SSB			Monday 6/7/87
2	4					
3	4					Coms with gentle breezes
4	4					and pleasant weather
5	4					
6	4					
7	4		SSW			
8	4					
9	4		SSB			Middle part fine breezes
10	4					and rising clouds
11	4					
12	4					
1	4		South			
2	4					Long by Obs 40.0 at 10 ⁴⁶ AM
3	4					
4	4					was 251° 04' West
5	4					
6	4					Chrom 50 25
7	4					38 SSB
8	4					
9	4		South SSB			
10	4					Lat 29.03
11	4					
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	90	1.30		29° 11'	29° 03'			54° 54'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		SSW			Monday 7/7/87
2	6					
3	6					Coms with light breezes and
4	6					pleasant weather at 3 PM
5	6		SSW			set S. S. Mast lower
6	6					main S. S. standing sail
7	6					+ 5 PM. saw a Brig. steering
8	6					westward look in lower
9	6					standing sail at 10 PM in
10	6					M. S. of steel
11	6					
12	6					
1	6					Coms pleasant
2	6					Long by Chron at 8 AM.
3	6					49° 48' West
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					Lat 25° 52'
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SSW	139	1.26	59	25° 57'	25° 52'		1° 07'	53° 52'	

79
46
139

Brig *Pactolus* from *Nelson* towards *Yapuan*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SPC	ENE		<i>Thursday August 18th 1837</i> <i>gone with fair weather</i> <i>very by 10 at 1 P.M. 50. 73.</i>
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	5	1				
9	5	1				<i>Middle part moderate breeze</i> <i>and passing clouds at 1 P.M.</i> <i>in S.E. West. and sail</i> <i>stream tacked to S.E.</i>
10	4	1				
11	0	1				
12	4	1				
1	4		South			
2	4					
3	3	1	SEW			
4	3	1				
5	3					<i>Lat 25° 20'</i>
6	3					
7	1					
8	1					
9			Calm			
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SPC	88	1° 27'	9	25° 25'	25° 20'	W	10	3° 42'	W

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		South			<i>Wednesday Aug 17th 1837</i> <i>gone with light air and</i> <i>pleasant weather</i>
2	2					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					<i>Middle part fresh breeze and</i> <i>passing clouds in main Rega</i> <i>and flying 10 at 8 A.M.</i> <i>tacked to the Eastward</i>
10	3					
11	3					
12	3					
1	1					
2	1					
3	1					
4	1					
5	1		SW S			<i>Long by Chron at 8 A.M.</i> <i>49 48</i>
6	1					
7	1					
8	1					
9	1					
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
South	84	1° 10'		24° 15'	24° 25'			3° 32'	

J. L. [Signature]

Brig *Pactolus* from *Halen* towards *Guyenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	<i>Thursday August 10th 1827</i> <i>Came with light breeze and</i> <i>pleasant weather at 2 PM</i> <i>tacked to N.W.</i> <i>Lat 16 23' 19"</i>
2	2	3	4	5	6	
3	2	3	4	5	6	
4	2	3	4	5	6	
5	3	4	5	6	7	
6	2	3	4	5	6	
7	2	3	4	5	6	
8	2	3	4	5	6	
9	2	3	4	5	6	
10	2	3	4	5	6	
11	2	3	4	5	6	
12	2	3	4	5	6	
1	4	5	6	7	8	
2	4	5	6	7	8	
3	4	5	6	7	8	
4	4	5	6	7	8	
5	4	5	6	7	8	
6	4	5	6	7	8	
7	4	5	6	7	8	
8	4	5	6	7	8	
9	4	5	6	7	8	
10	4	5	6	7	8	
11	4	5	6	7	8	
12	4	5	6	7	8	

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>P 40° W 70</i>	<i>54</i>	<i>45</i>	<i>23</i>	<i>32</i>	<i>23</i>	<i>19</i>	<i>10</i>		<i>54</i>

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	5	6	7	8	<i>Friday August 11th 1827</i> <i>Fine breeze and pleasant</i>
2	4	5	6	7	8	
3	4	5	6	7	8	
4	4	5	6	7	8	
5	4	5	6	7	8	
6	4	5	6	7	8	
7	4	5	6	7	8	
8	4	5	6	7	8	
9	4	5	6	7	8	
10	4	5	6	7	8	
11	4	5	6	7	8	
12	4	5	6	7	8	
1	4	5	6	7	8	
2	4	5	6	7	8	
3	4	5	6	7	8	
4	4	5	6	7	8	
5	4	5	6	7	8	
6	4	5	6	7	8	
7	4	5	6	7	8	
8	4	5	6	7	8	
9	4	5	6	7	8	
10	4	5	6	7	8	
11	4	5	6	7	8	
12	4	5	6	7	8	

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>S 10 E</i>	<i>122</i>	<i>2</i>	<i>21</i>	<i>21</i>	<i>19</i>	<i>21</i>	<i>15</i>	<i>20</i>	<i>54</i>

Brig *Sactos* from *Nalem* towards *Pagann*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S by E	low		<p><i>Monday Aug 11th</i></p> <p>Long by Chron at 4.30. 50° 26'</p> <p>Heavily during the night looking in S. G. roads cleared below top sails, up main sail and mizzen reaped the breeze.</p> <p>Long by Chron at 8 am 50° 05'</p> <p>Lat Ob 19° 02'</p>
2	5					
3	5					
4	5					
5	5		S by E			
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	3					
2	2	1				
3	3					
4	5					
5	5					
6	5					
7	5					
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 22 E	114	1° 45'	43	19° 29'	19° 02'		46	58° 33'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S by E	low		<p><i>Tuesday Aug 13th</i></p> <p>Com. pleasant at 8 AM. jibed. stick</p> <p>Middle part squally with rain and faint lightning close reaped the top sails and furled the courses</p> <p>Lat Ob 17° 33'</p>
2	5					
3	4					
4	4					
5	4					
6	4			W		
7	4			West		
8	5					
9	5		S by E			
10	5					
11	5		S. E.	W		
12	5					
1	4					
2	4					
3	3					
4	3					
5	2		S. E.	SE		
6	2					
7	2					
8	2					
9	3		SW by W			
10	3					
11	3					
12	2					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 10 E	70	59	19	18° 02'	17° 33'		20	59° 13'	

		from		towards			
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	
1	4		SE	SE		Monday Aug 14 th	
2	4					Comp with brisk breezes and piping cloud out all day set at 3 o'clock at 6 o'clock to the eastward at 8 o'clock to SW.	
3	4						
4	4						
5	4						
6	4						
7	4		ENE			At 6 AM set the Flying Jib	
8	4						
9	4		SE				
10	4						
11	4						
12	4					End moderate breezes and pleasant	
1	3		SE				
2	3		SE				
3	3		SE				
4	3		SE				
5	3		SE			Lat Ob 15° 57'	
6	3		SE				
7	3		SE				
8	3		SE				
9	3		SE				
10	3		SE			Long by Chron at 8 AM. 49° 26' West	
11	3		SE				
12	3		SE				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	69	10° 15'	11	16° 49'	16° 57'		12	15° 27'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	
1	5		SE	SE		Tuesday Aug 15 th	
2	5					Comp with gentle breezes and pleasant weather at 3 AM set J. J. Mast and lower studding	
3	5						
4	5						
5	5						
6	5						
7	5					Middle part brisk breezes and piping cloud	
8	5						
9	5						
10	5						
11	5						
12	5					Long by Chron at 8 AM 49° 22'	
1	5						
2	5						
3	5						
4	5						
5	5					Lat Ob 14° 09'	
6	5						
7	5						
8	5						
9	5						
10	5						
11	5						
12	5						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	133	2° 10'	25	14° 47'	14° 09'		26	15° 01'	

Brig Pactolus from Salem towards Cayman

H.	R.	H. K.	Course	Winds.	Lee.	Remarks.
1	5		SE 6	SE 6		Wednesday Aug 16 th 1837
2	5					Begins with moderate
3	5					breeze and pleasant weather
4	5			East		
5	5					
6	5					
7	5					
8	5					
9	5					Middle part fine breeze
10	5					and pleasant
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					Long by Chron at 8 a.m.
6	5					69° 14'
7	5					
8	5					Lat Ob 11° 59'
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	127	2° 04'	24	12° 05'	11° 59'		25	5235	

H.	R.	H. K.	Course	Winds.	Lee.	Remarks.
1	5		SE 6	SE 6		Thursday Aug 17 th 1837
2	5					Commences with moderate
3	5					breeze and pleasant weather
4	5					all drawing sail set
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					at 10 a.m. tacked to the eastward
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					Lat Ob 11° 10'
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 6	49	44		11° 10'	11° 10'			5238	

Brig *Pactolus* from *Salern* towards *Cayenne*

II.	K.	II. K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE			<i>Friday Aug 11 1853</i> bore with moderate breeze and pleasant weather Long by Chron at 5 P.M. 49° 31'
2	2					
3	2					
4	2		SE			
5	2					
6	2					
7	2					At 9 30 A.M. spoke an English Barque from London bound to Demerara His Log true 49° 30' ours 49° 34' At 10 A.M. tacked to S.E. End of day's observation Lat 10° 16'
8	2					
9	2		SE			
10	2					
11	2					
12	2					
1	1		SE			
2	1					
3	1		SE			
4	1					
5	1					
6	1					
7	1					
8	1					
9	1		SE			
10	1					
11	1					
12	1					

Courses.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 106	55	6		10° 15'	10° 16'		7	52° 4'	

II.	K.	II. K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE	Lat		<i>Saturday Aug 12</i> All these 24 hours squally with rain
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2		SE			
11	2					
12	2					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1		SE			
8	1					
9	1					
10	1		SE			
11	1					
12	1					

Courses.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 106	70	12		9° 17'			13	52° 16'	

Big Sactolus from *Dalem* towards *Cayenne*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		SE	SW		<i>Monday August 20th</i> Bore squally with rain at 8 PM double reefed the topsails and were ship Middle part calm let the reefs out of the topsails and set m. & g. sail at 3 AM tacked to SW
2	3					
3	3		SE			
4	3					
5	3					
6	3		W			
7	3					
8	3		SE			
9	3					
10	3			SE		
11	3					
12	3					
1	3		calm			Long by Chron at 9 AM. 18° 57' with 8° 09'
2	3		SE			
3	3					
4	3		SW			
5	3					
6	3					
7	3					
8	3					
9	3		W			
10	3					
11	3		SW			
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 15 W	52	50	13	8° 17'	8° 09'		14	53 30	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		SW	SE		<i>Monday August 21st 1837</i> These 24 hours moderate breeze and pleasant
2	3					
3	2					
4	2		calm			
5	2					
6	2					
7	2					
8	2		SE			
9	3					
10	4		SE			
11	5					
12	5					
1	5					Long by Chron at 8 AM. 18° 57' with 6° 57'
2	5					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 12 W	79	117	16	6° 52'	6° 37'		17	53 47	

H.	K.	H. K.	Courses	Winds.	Lee.	Remarks.
1	4					Tuesday August 22
2	4					Boats with moderate breezes
3	4					and pleasant weather
4	4					Long by Chron 7 1/2 am
5	4					49° 34' West
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					Long by Chron at 7 am
2	4					50° 02'
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SW	SE		Wednesday August 23 1855
2	5					Cross with brisk breezes and
3	5					pleasant weather
4	5		SW			Long by Chron at 4 P.M.
5	5					50° 25'
6	5					
7	5					
8	5					
9	6					
10	6			SE		
11	6		SW			At 5 a.m. made the Guernsey
12	6					bearing S.W. six miles
1	6					by which it appears we have had
2	6					at least 3 or 4 knots more
3	6					since yesterday noon to this
4	6		SW			Long by Chron at 10 A.M. 1 mile
5	6					of Guernsey. 50° 02' correct.
6	6		SW			
7	6					
8	6					
9						
10						At 11 took Pilot boat and
11						leaving 35 fms. half after
12						

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Wellman Bay Oct. 18 th 1837

[illegible][illegible]

towards

[illegible][illegible]

towards

[illegible]

[illegible]

[illegible]

[illegible]

towards

[illegible][illegible]

[illegible]

[illegible]

towards

[illegible]

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5 bbls Beef 2 bbls Pork

Capt Smith paid 3.50 for Francini's letter
Francini 1.00
2.50 due Capt Smith for it for
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